

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014737.D
 Acq On : 24 Jan 2020 10:59
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:04:36 PM

Quant Time: Jan 24 12:45:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	727331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1109890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	957963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	469646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	69799	10.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.54%	
35) Dibromofluoromethane	7.88	113	65471	10.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.46%	
50) Toluene-d8	10.32	98	268256	10.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.04%	
62) 4-Bromofluorobenzene	12.62	95	89684	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	44805	10.424	ug/l	100
3) Chloromethane	2.21	50	68529	12.961	ug/l	98
4) Vinyl Chloride	2.35	62	103653	13.239	ug/l	94
5) Bromomethane	2.77	94	56745	11.950	ug/l	89
6) Chloroethane	2.92	64	55752	12.567	ug/l	94
7) Trichlorofluoromethane	3.25	101	47712	12.275	ug/l	95
8) Diethyl Ether	3.68	74	36773	9.934	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78188	11.152	ug/l	98
10) Methyl Iodide	4.26	142	103044	9.826	ug/l	99
11) Tert butyl alcohol	5.16	59	24952	46.157	ug/l	97
12) 1,1-Dichloroethene	4.04	96	77165	10.521	ug/l	97
13) Acrolein	3.89	56	29085	54.629	ug/l	100
14) Allyl chloride	4.66	41	125029	11.006	ug/l	98
15) Acrylonitrile	5.36	53	84806	50.713	ug/l	99
16) Acetone	4.12	43	88491	50.046	ug/l	98
17) Carbon Disulfide	4.37	76	243668	10.919	ug/l	100
18) Methyl Acetate	4.67	43	39581	9.387	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	93815	10.322	ug/l	94
20) Methylene Chloride	4.91	84	92136	10.915	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	82829	10.634	ug/l	97
22) Diisopropyl ether	6.31	45	234190	11.010	ug/l	95
23) Vinyl Acetate	6.25	43	649493	51.252	ug/l	99
24) 1,1-Dichloroethane	6.21	63	145613	10.917	ug/l	99
25) 2-Butanone	7.16	43	111903	49.253	ug/l	99
26) 2,2-Dichloropropane	7.16	77	85943	11.628	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	82047	10.045	ug/l	93
28) Bromochloromethane	7.51	49	53031	10.239	ug/l	96
29) Tetrahydrofuran	7.52	42	70342	49.710	ug/l	100
30) Chloroform	7.67	83	136497	10.960	ug/l	98
31) Cyclohexane	7.95	56	155743	11.264	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	110846	11.078	ug/l	98
36) 1,1-Dichloropropene	8.08	75	119321	10.988	ug/l	99
37) Ethyl Acetate	7.25	43	49516	10.311	ug/l	98
38) Carbon Tetrachloride	8.06	117	102111	10.848	ug/l	96

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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	137194	9.925	ug/l	99
40) Benzene	8.32	78	334439	10.893	ug/l	99
41) Methacrylonitrile	7.48	41	25661	9.524	ug/l	94
42) 1,2-Dichloroethane	8.40	62	87113	10.899	ug/l	100
43) Isopropyl Acetate	8.42	43	87911	10.006	ug/l	99
44) Trichloroethene	9.09	130	83154	10.096	ug/l	97
45) 1,2-Dichloropropane	9.37	63	81561	10.815	ug/l	99
46) Dibromomethane	9.46	93	37871	10.324	ug/l	98
47) Bromodichloromethane	9.64	83	95719	10.424	ug/l	97
48) Methyl methacrylate	9.43	41	38172	8.992	ug/l	99
49) 1,4-Dioxane	9.44	88	13450	200.191	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	228222	50.253	ug/l	99
52) Toluene	10.38	92	200381	10.435	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	92784	9.867	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	113149	9.804	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54316	10.171	ug/l	99
56) Ethyl methacrylate	10.65	69	62751	9.088	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97697	10.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	81479	38.479	ug/l	99
59) 2-Hexanone	10.96	43	148281	47.675	ug/l	96
60) Dibromochloromethane	11.13	129	56873	9.440	ug/l	99
61) 1,2-Dibromoethane	11.23	107	50617	10.044	ug/l	96
64) Tetrachloroethene	10.86	164	70899	10.249	ug/l	93
65) Chlorobenzene	11.65	112	202308	10.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	67336	10.156	ug/l	99
67) Ethyl Benzene	11.73	91	361655	10.149	ug/l	97
68) m/p-Xylenes	11.83	106	274406	20.168	ug/l	98
69) o-Xylene	12.16	106	120492	9.594	ug/l	98
70) Styrene	12.18	104	208314	9.819	ug/l	99
71) Bromoform	12.35	173	32662	9.190	ug/l	98
73) Isopropylbenzene	12.46	105	341027	9.847	ug/l	98
74) N-amyl acetate	12.27	43	75050	9.685	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	61207	9.919	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47342m	10.780	ug/l	
77) Bromobenzene	12.74	156	77165	9.590	ug/l	93
78) n-propylbenzene	12.80	91	417415	10.174	ug/l	99
79) 2-Chlorotoluene	12.89	91	238080	10.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	292739	10.019	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	18609	9.435	ug/l	95
82) 4-Chlorotoluene	12.99	91	251080	10.344	ug/l	100
83) tert-Butylbenzene	13.21	119	247771	9.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	290915	9.996	ug/l	99
85) sec-Butylbenzene	13.38	105	353927	9.999	ug/l	99
86) p-Isopropyltoluene	13.49	119	313296	9.701	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	157267	10.043	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154721	10.035	ug/l	98
89) n-Butylbenzene	13.82	91	293911	9.773	ug/l	99
90) Hexachloroethane	14.09	117	57126	10.164	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	137728	10.005	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9647	9.899	ug/l	93

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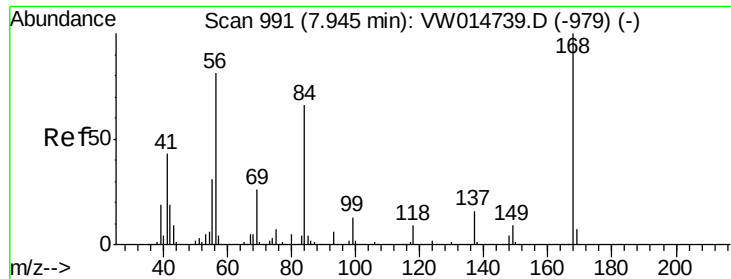
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	76674	8.324	ug/l	98
94) Hexachlorobutadiene	15.24	225	58538	9.407	ug/l	99
95) Naphthalene	15.36	128	116836	7.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	67496	8.421	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 727331

Ion Ratio Lower Upper

168 100

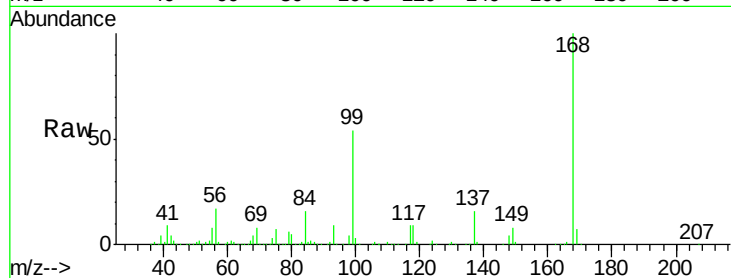
99 54.2 42.6 64.0

Manual Integrations

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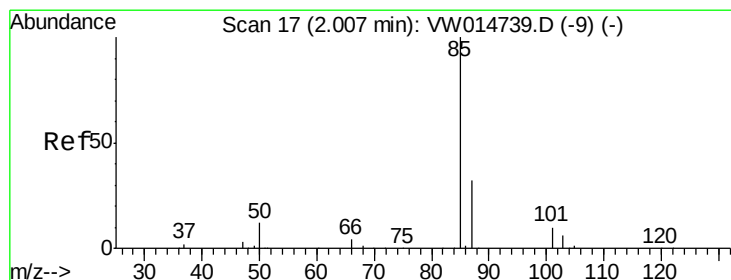
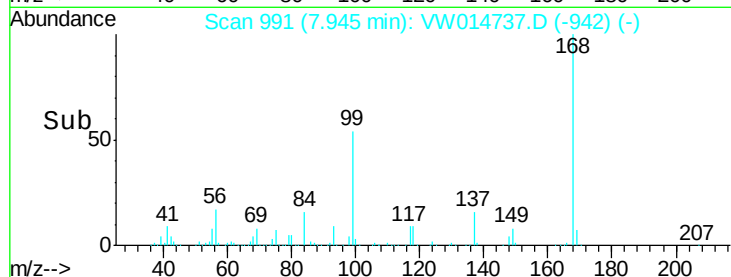
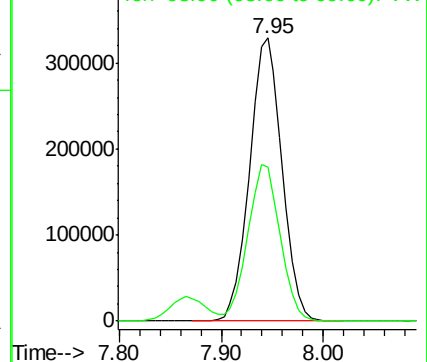
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 10.424 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014737.D

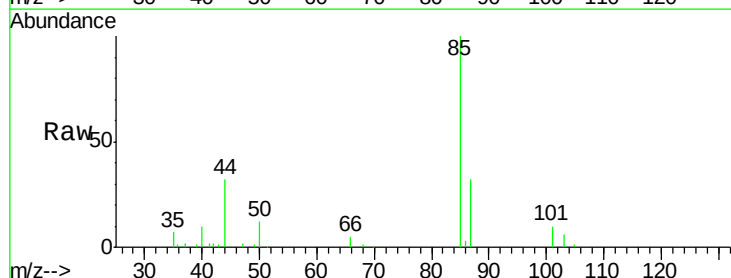
Acq: 24 Jan 2020 10:59

Tgt Ion: 85 Resp: 44805

Ion Ratio Lower Upper

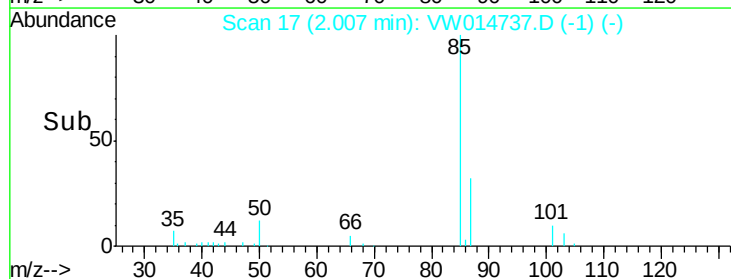
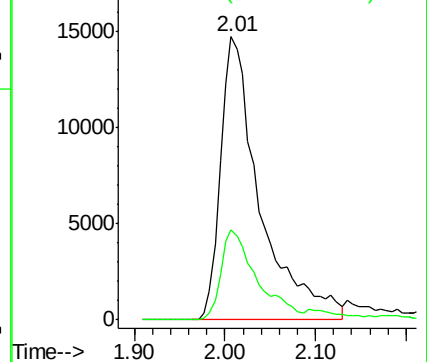
85 100

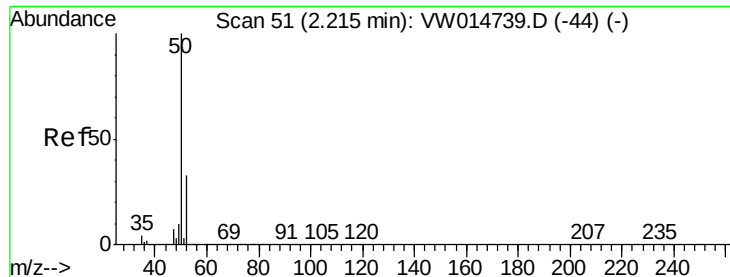
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 12.961 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 68529

Ion Ratio Lower Upper

50 100

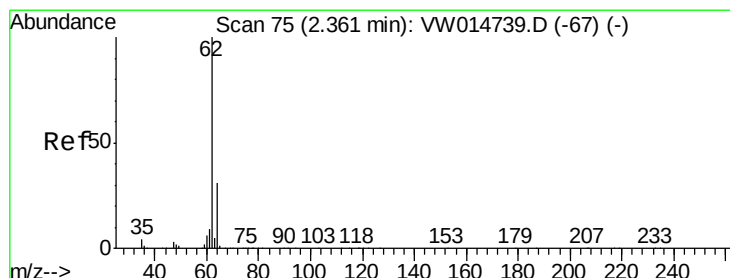
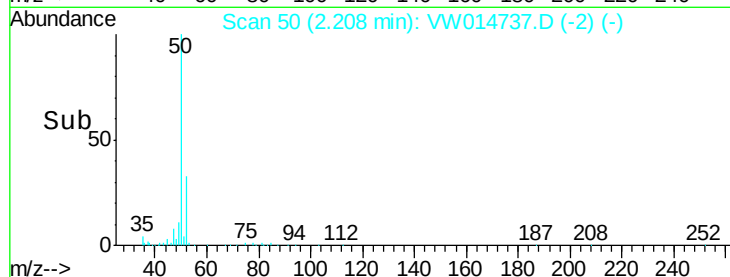
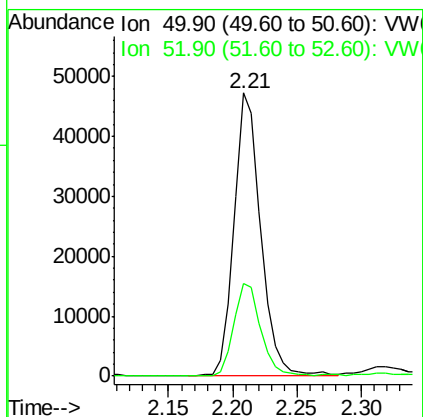
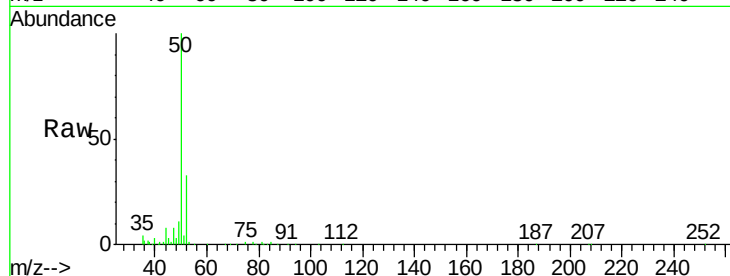
52 32.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 13.239 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014737.D

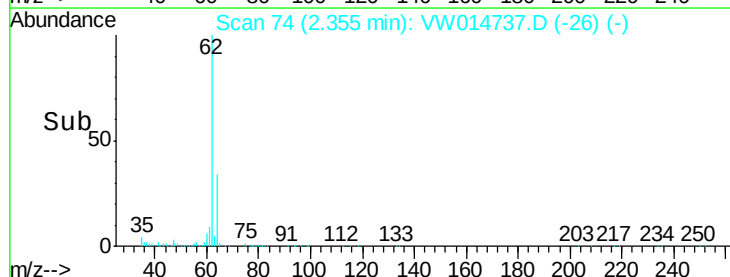
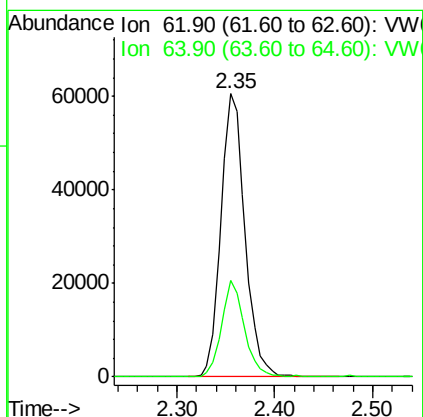
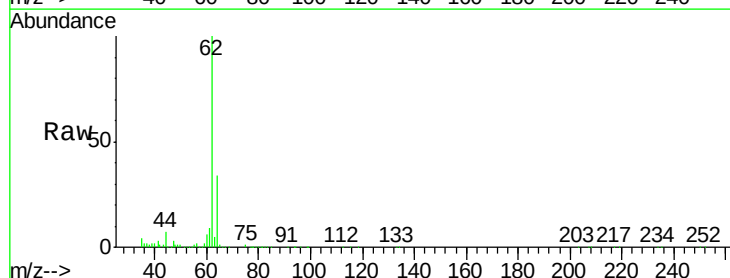
Acq: 24 Jan 2020 10:59

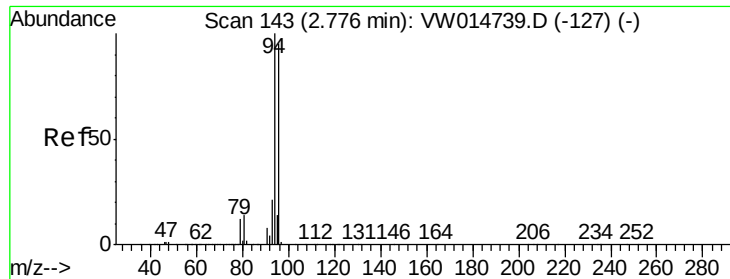
Tgt Ion: 62 Resp: 103653

Ion Ratio Lower Upper

62 100

64 33.9 24.7 37.1





#5

Bromomethane

Concen: 11.950 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 56745

Ion Ratio Lower Upper

94 100

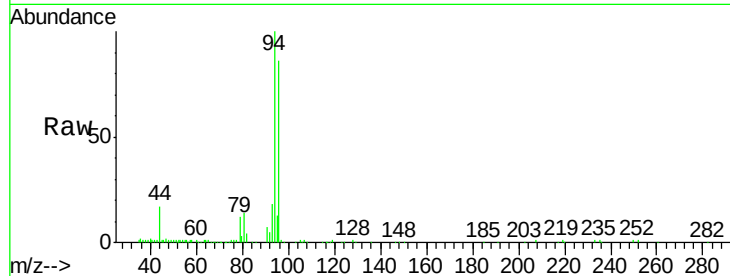
96 85.0 76.2 114.4

Manual Integrations

APPROVED

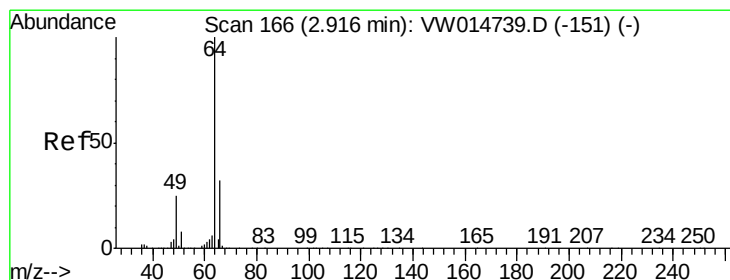
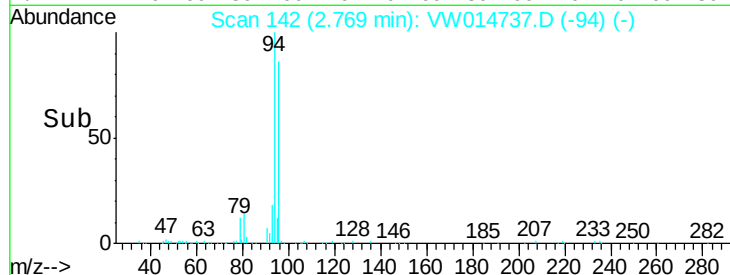
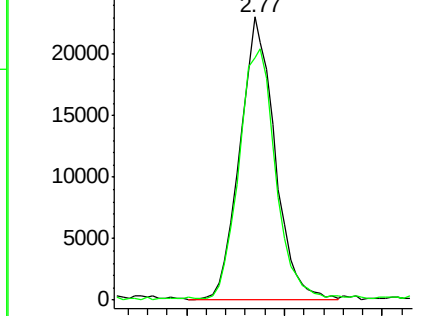
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 12.567 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014737.D

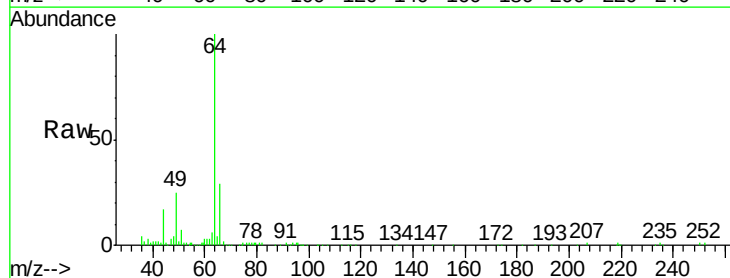
Acq: 24 Jan 2020 10:59

Tgt Ion: 64 Resp: 55752

Ion Ratio Lower Upper

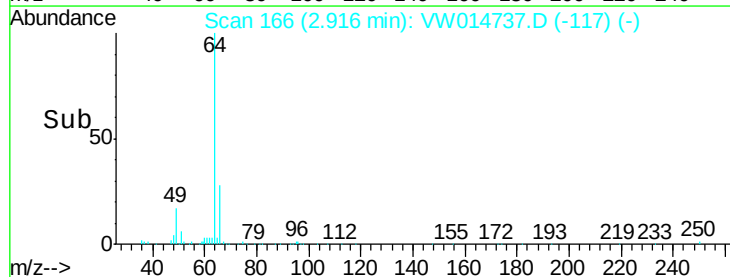
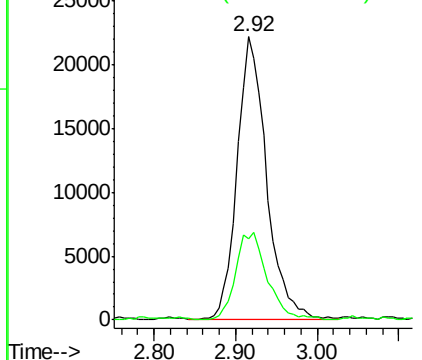
64 100

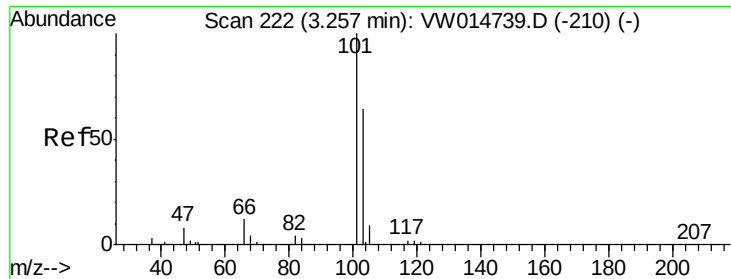
66 28.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

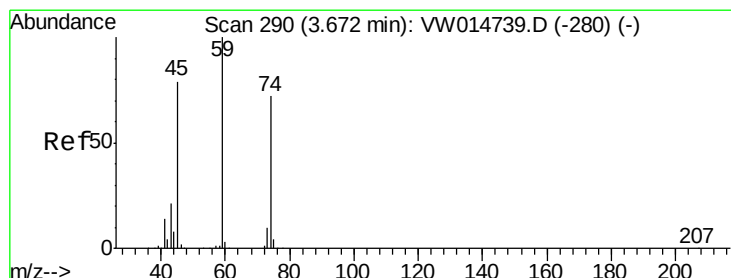
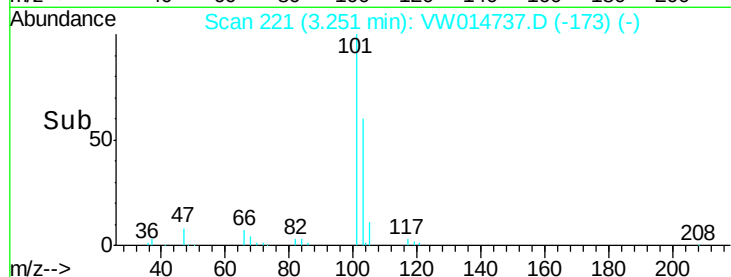
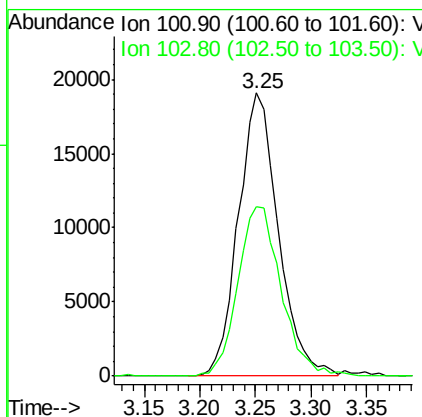
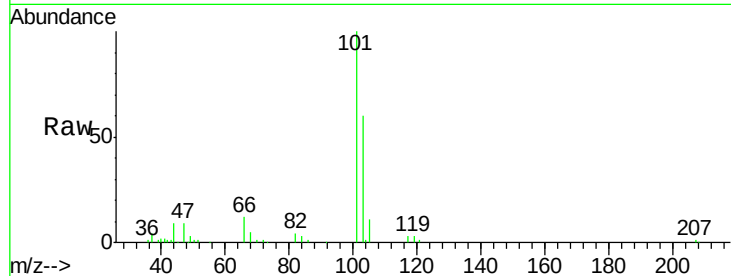
Trichlorofluoromethane
Concen: 12.275 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.9	50.8	76.2

Manual Integrations
APPROVED

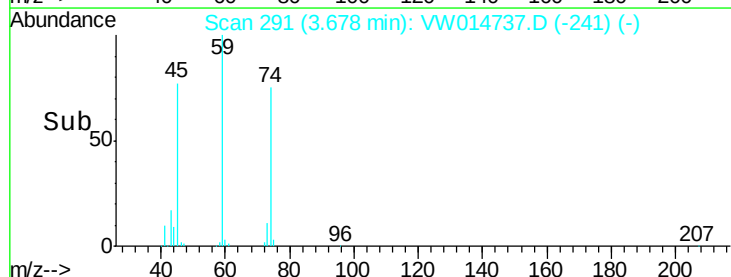
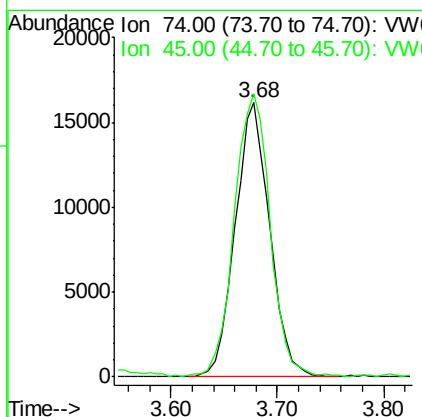
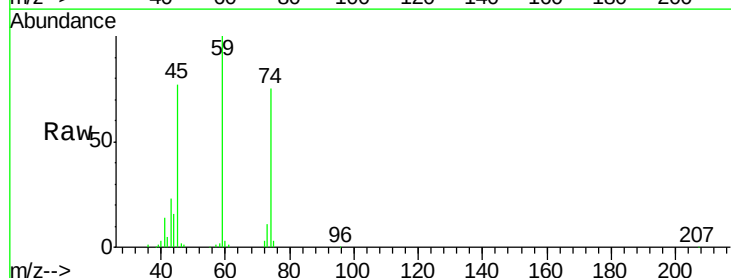
MMDadoda
1/27/2020 12:04:36 PM

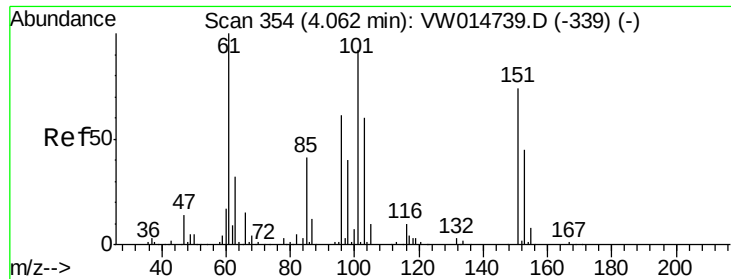


#8

Diethyl Ether
Concen: 9.934 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.152 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

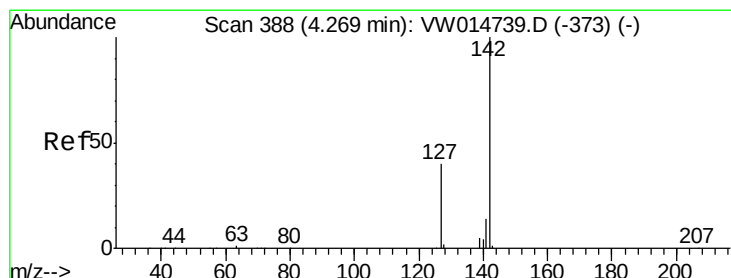
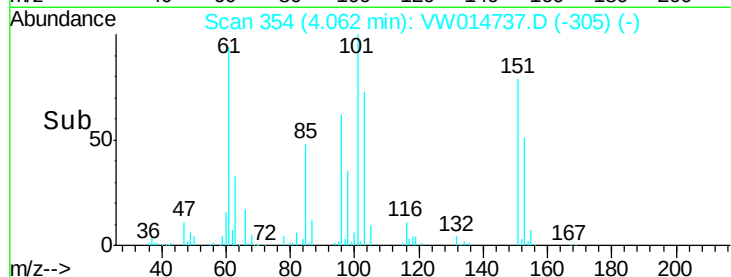
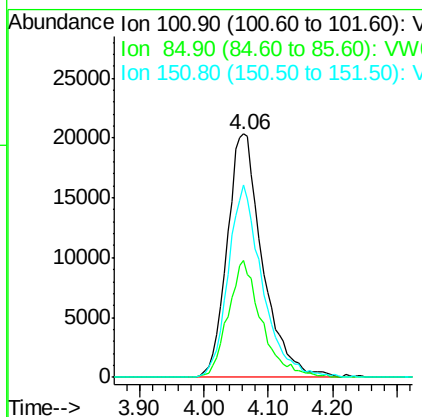
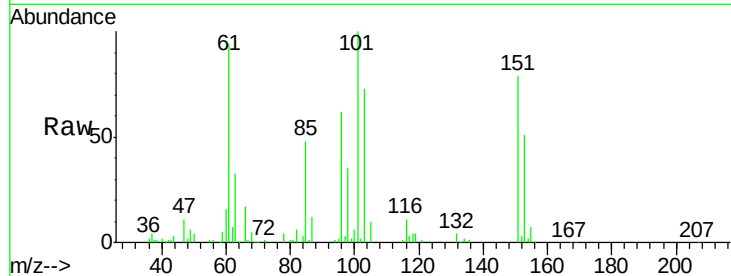
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	78188
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.4	51.6
151	76.1	61.5	92.3

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#10

Methyl Iodide

Concen: 9.826 ug/l

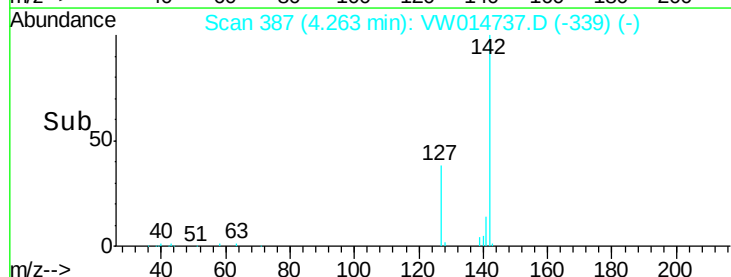
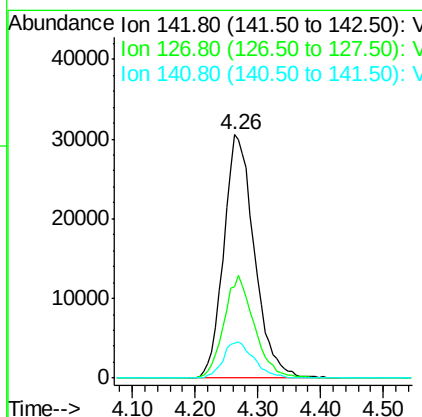
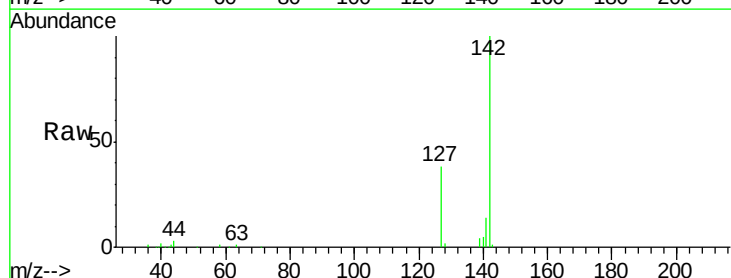
RT: 4.26 min Scan# 387

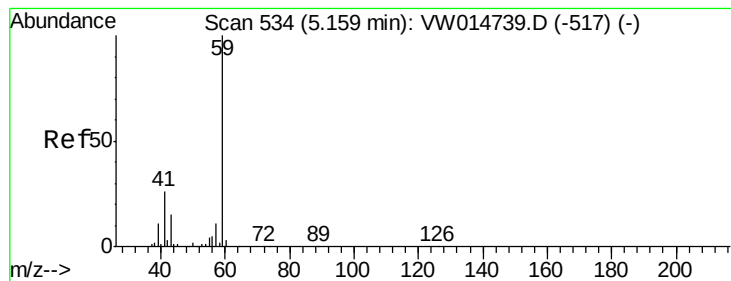
Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	142	Resp:	103044
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.2	49.8
141	15.0	11.8	17.6





#11

Tert butyl alcohol

Concen: 46.157 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 59 Resp: 24952

Ion Ratio Lower Upper

59 100

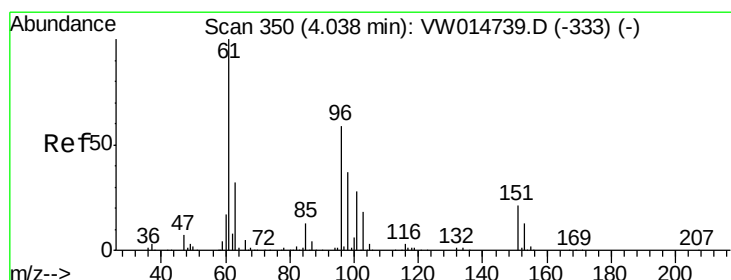
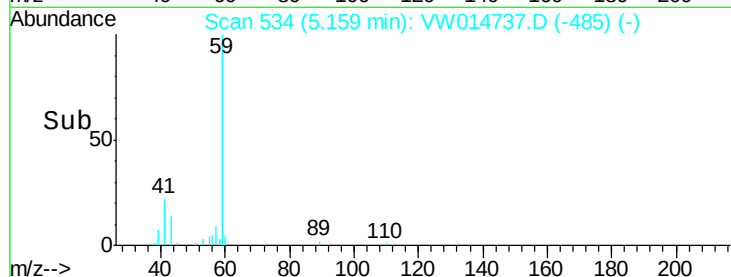
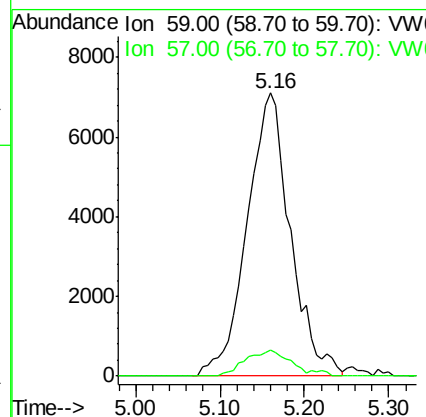
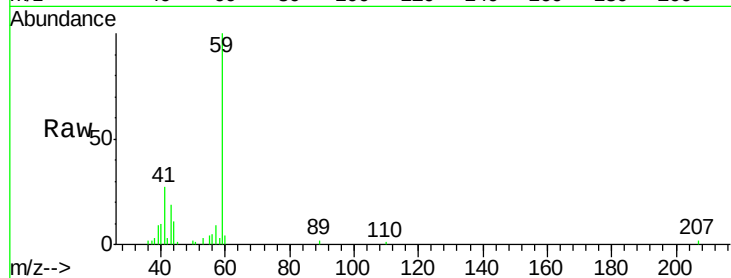
57 9.6 8.6 12.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 10.521 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

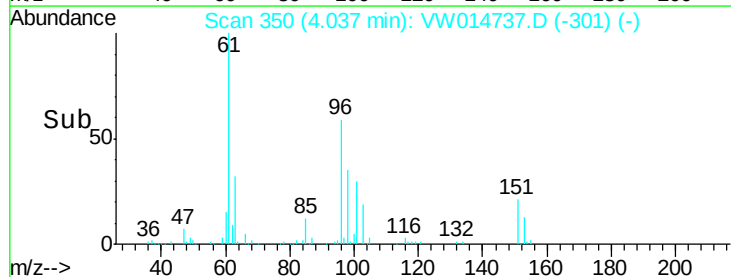
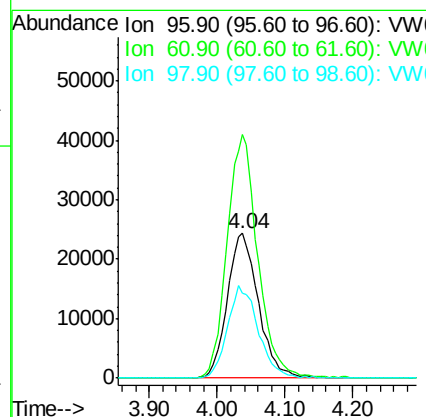
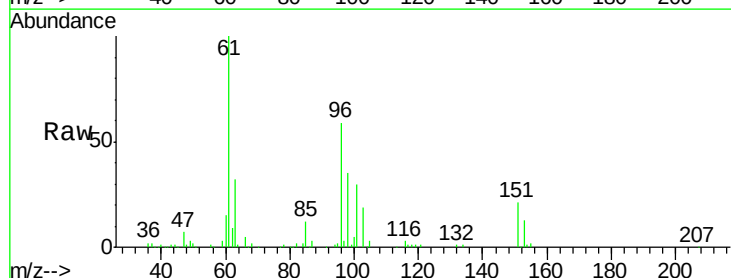
Tgt Ion: 96 Resp: 77165

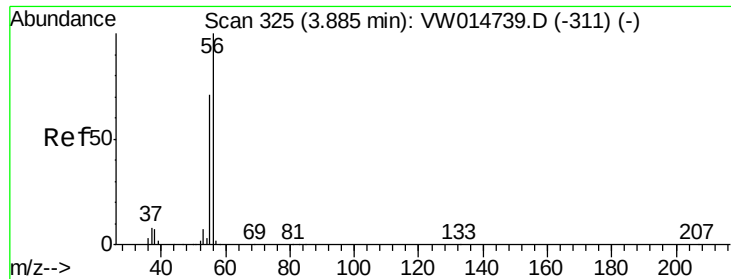
Ion Ratio Lower Upper

96 100

61 168.3 136.3 204.5

98 58.6 51.0 76.6





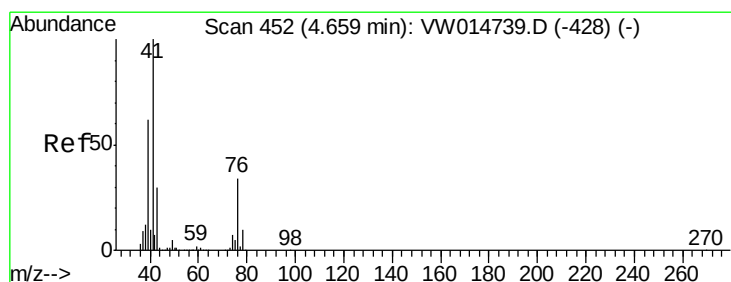
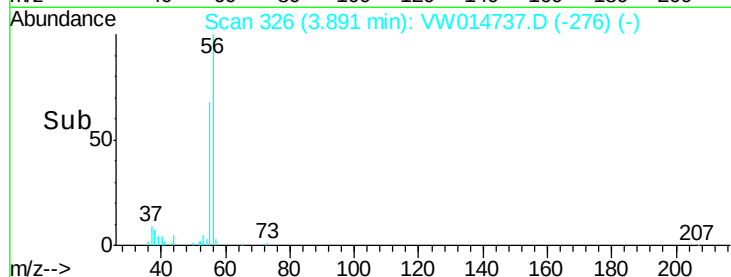
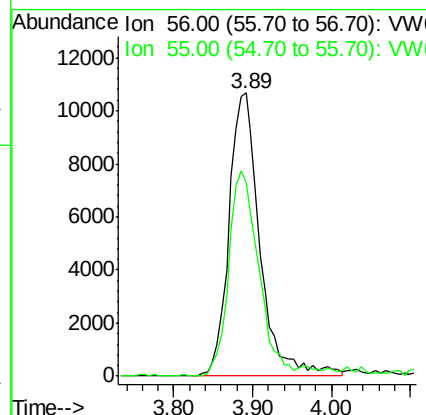
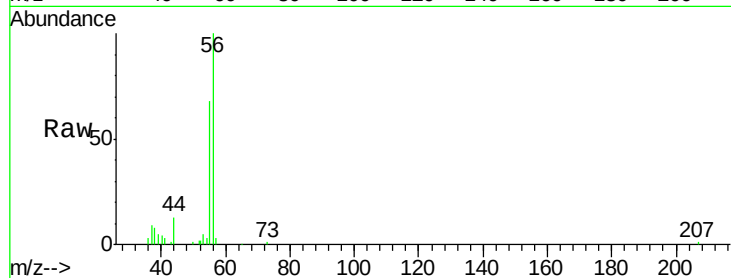
#13
Acrolein
Concen: 54.629 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.7	83.5

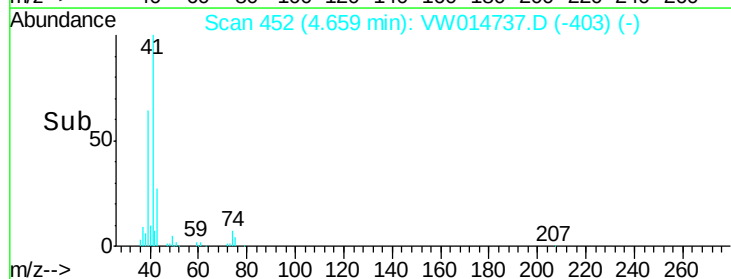
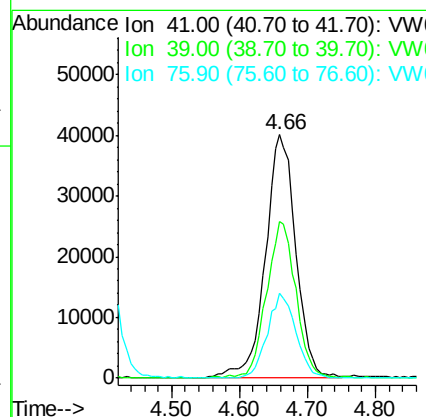
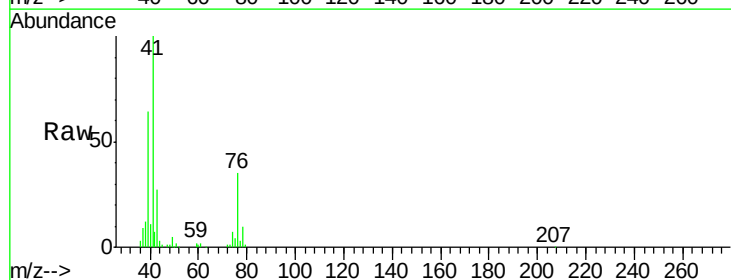
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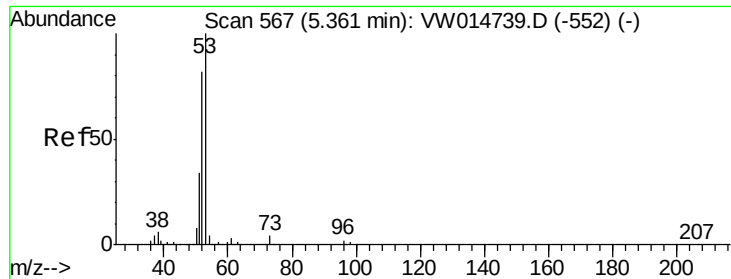
MMDadoda
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#14
Allyl chloride
Concen: 11.006 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.7	50.0	75.0
76	32.8	26.7	40.1





#15

Acrylonitrile

Concen: 50.713 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

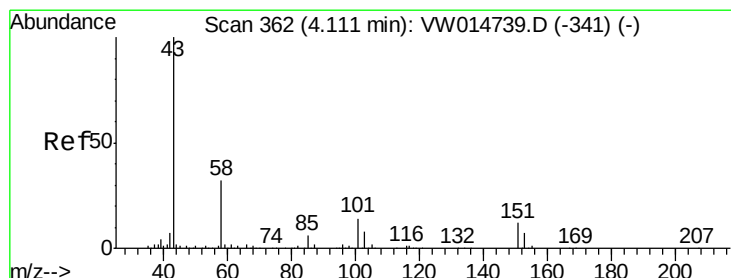
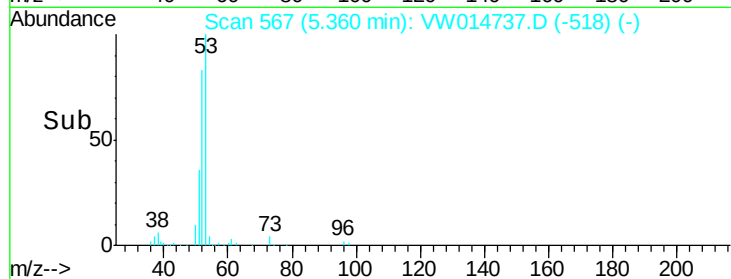
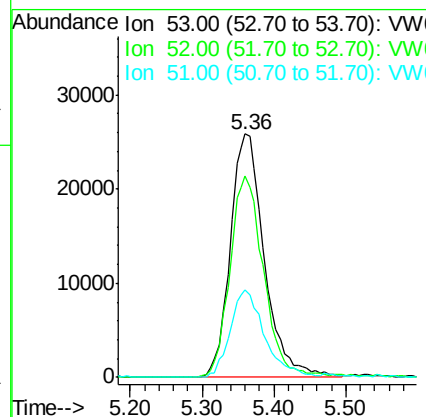
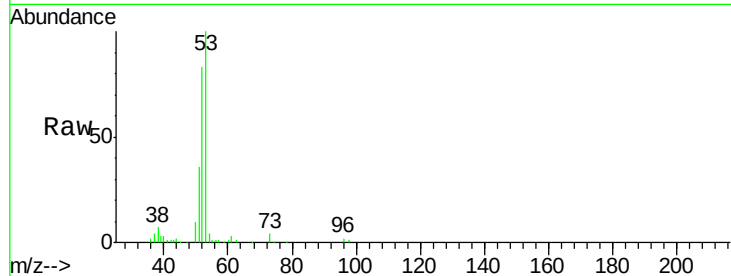
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	84806
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.0	99.0
51	36.2	28.6	43.0

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#16

Acetone

Concen: 50.046 ug/l

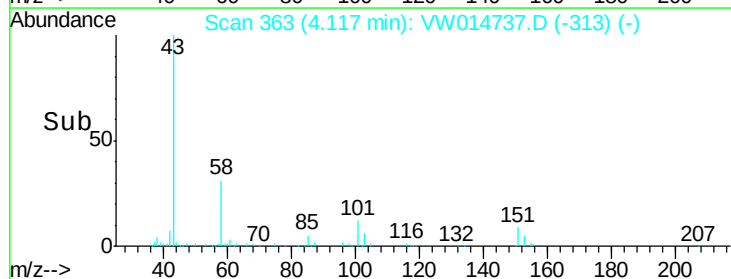
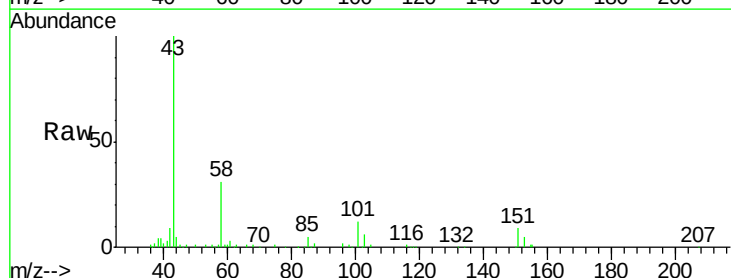
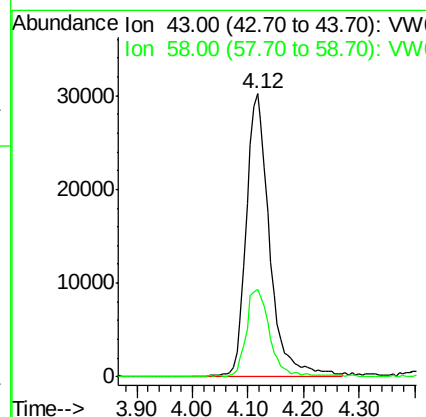
RT: 4.12 min Scan# 363

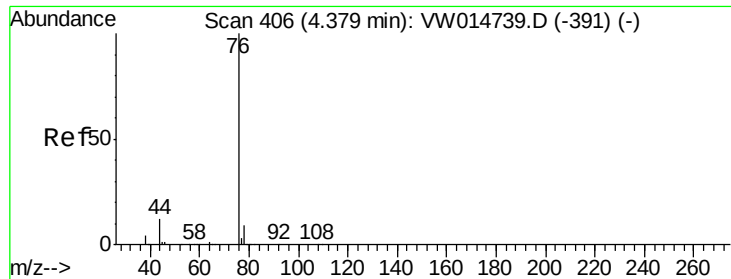
Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	43	Resp:	88491
Ion Ratio	Lower	Upper	
43	100		
58	31.1	25.6	38.4





#17

Carbon Disulfide

Concen: 10.919 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 76 Resp: 243668

Ion Ratio Lower Upper

76 100

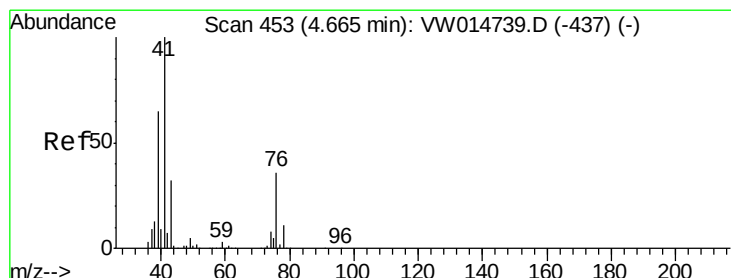
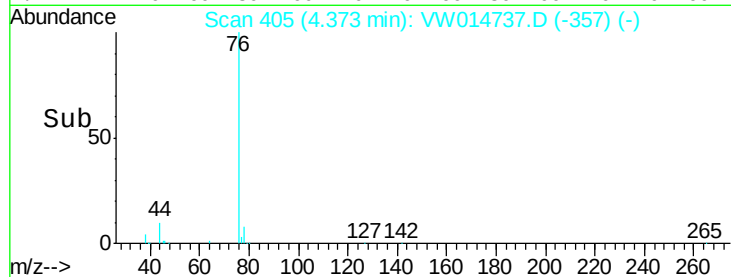
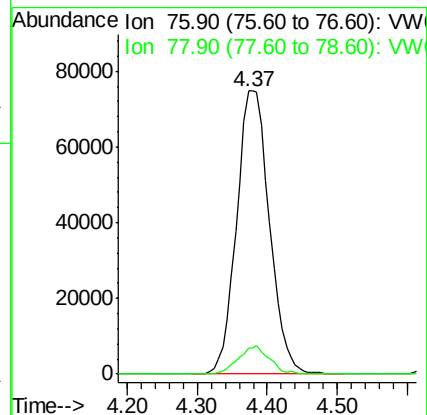
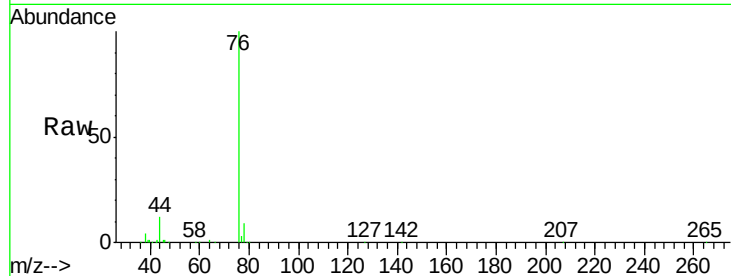
78 9.0 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 9.387 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014737.D

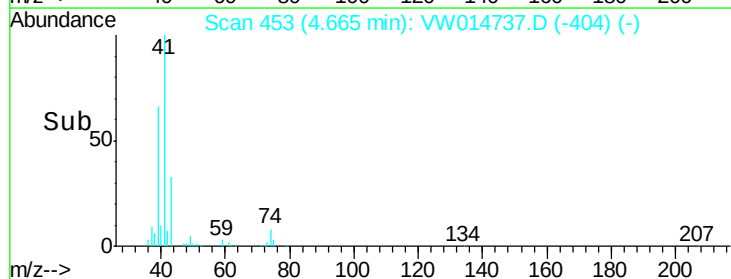
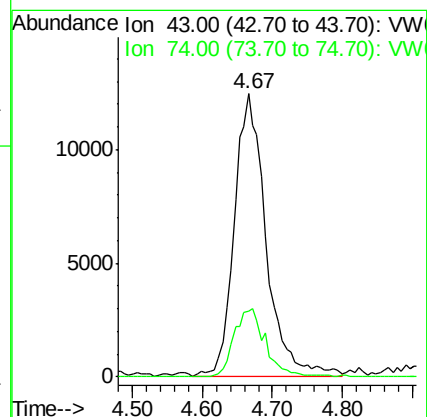
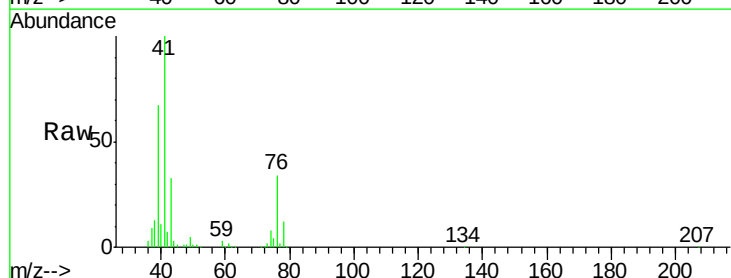
Acq: 24 Jan 2020 10:59

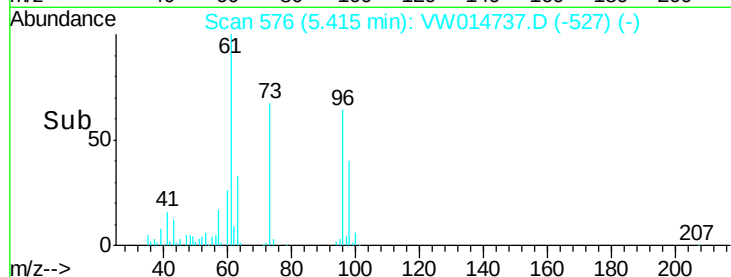
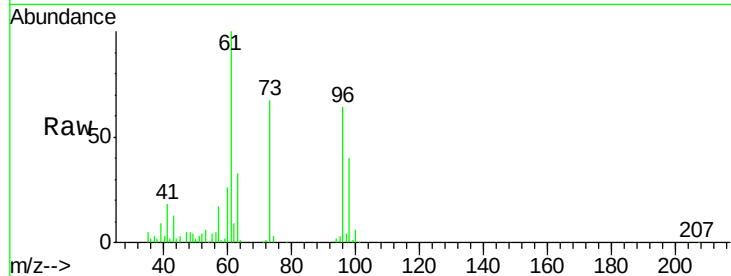
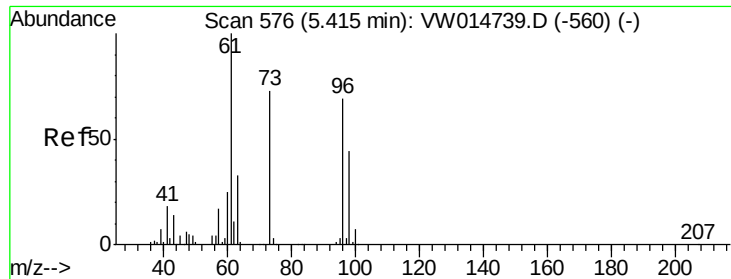
Tgt Ion: 43 Resp: 39581

Ion Ratio Lower Upper

43 100

74 23.7 18.4 27.6





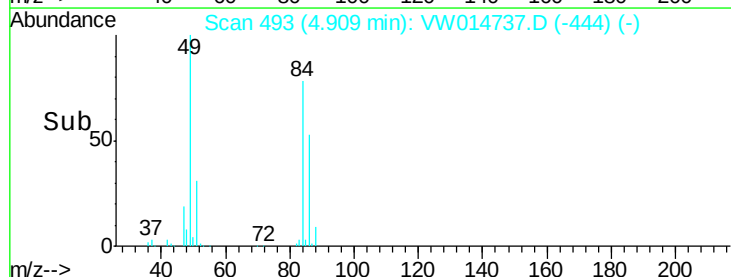
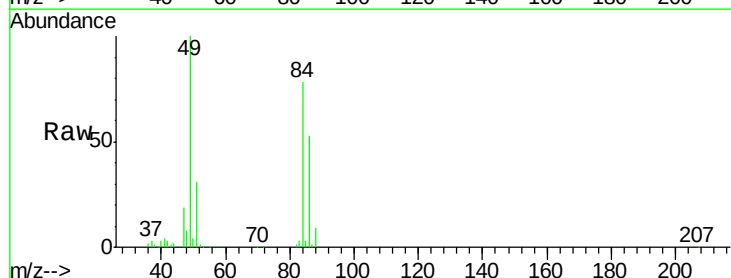
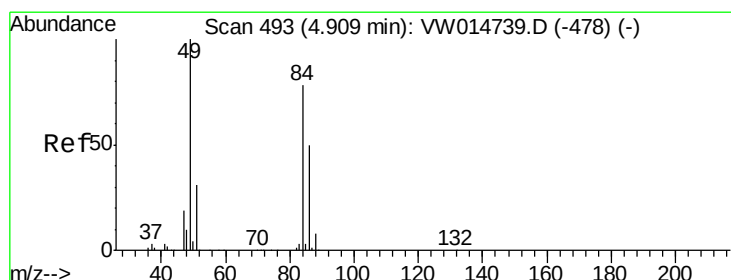
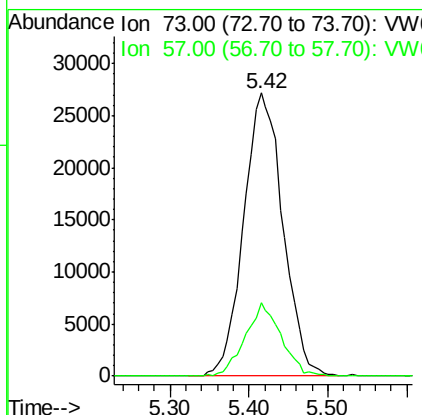
#19
Methyl tert-butyl Ether
Concen: 10.322 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tot Ion: 73 Resp: 93815
Ion Ratio Lower Upper
73 100
57 25.8 18.5 27.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

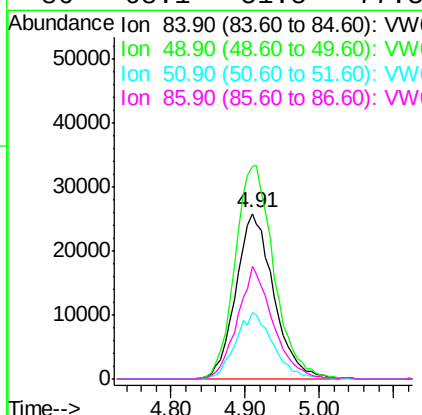
Manual Integrations
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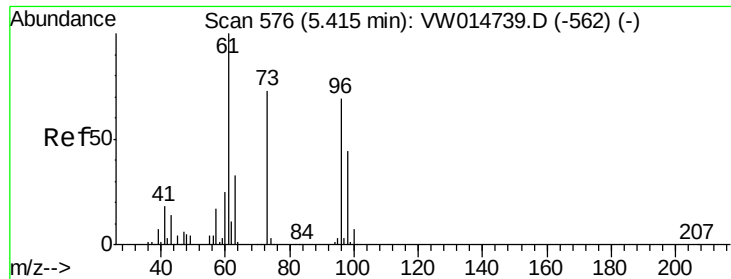
MMDadoda
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#20
Methylene Chloride
Concen: 10.915 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 84 Resp: 92136
Ion Ratio Lower Upper
84 100
49 128.2 103.1 154.7
51 40.1 32.1 48.1
86 68.1 51.5 77.3





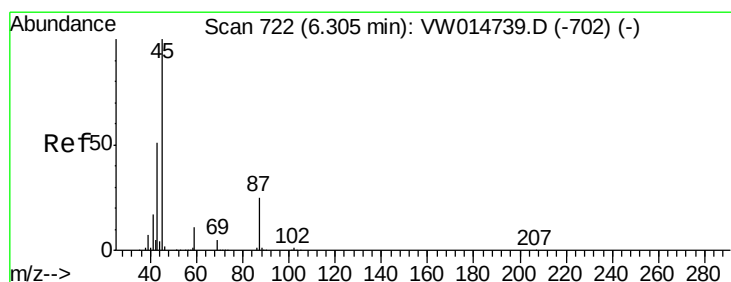
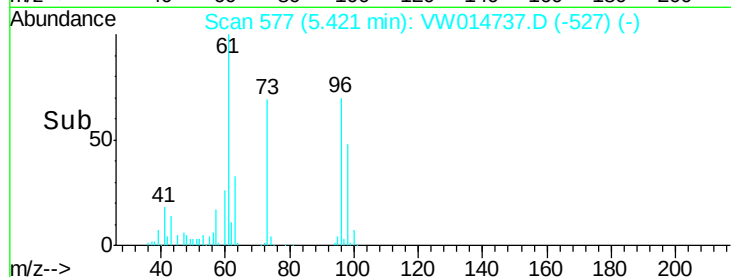
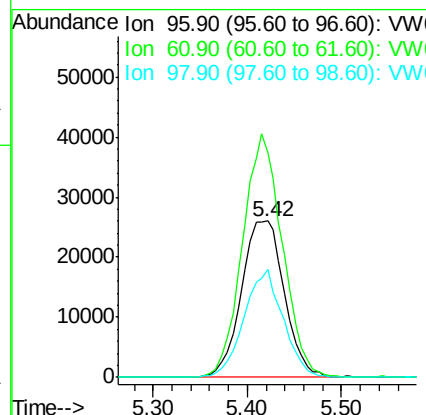
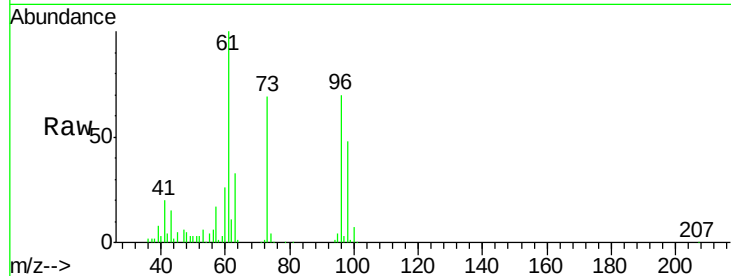
#21
trans-1,2-Dichloroethene
Concen: 10.634 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	116.1	174.1
98	69.0	51.6	77.4

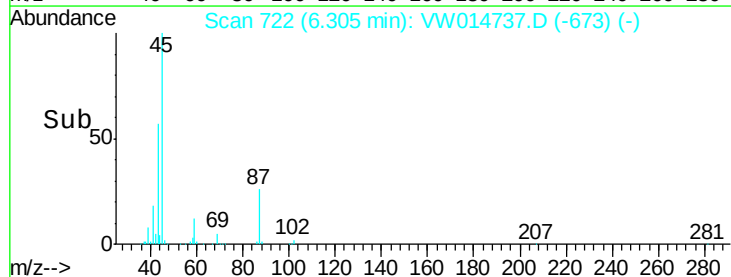
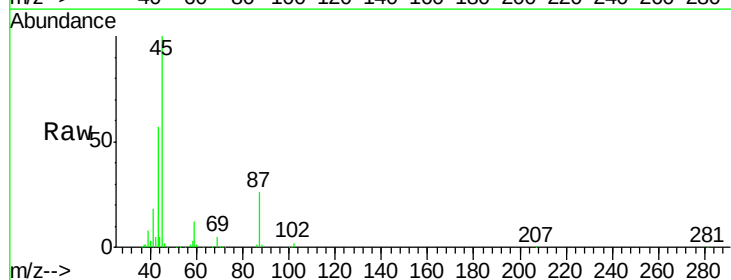
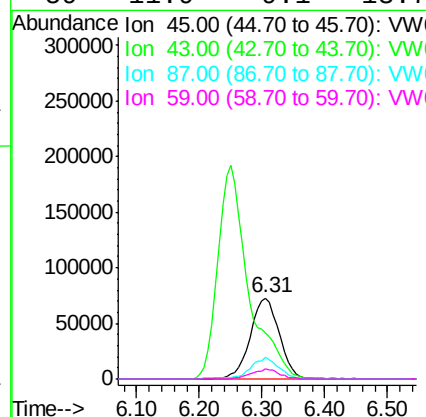
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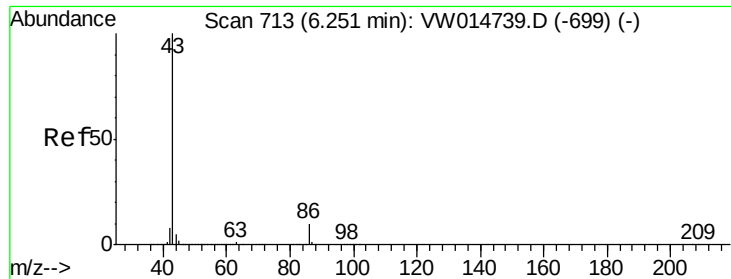
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#22
Diisopropyl ether
Concen: 11.010 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	40.9	61.3
87	26.2	20.3	30.5
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 51.252 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 649493

Ion Ratio Lower Upper

43 100

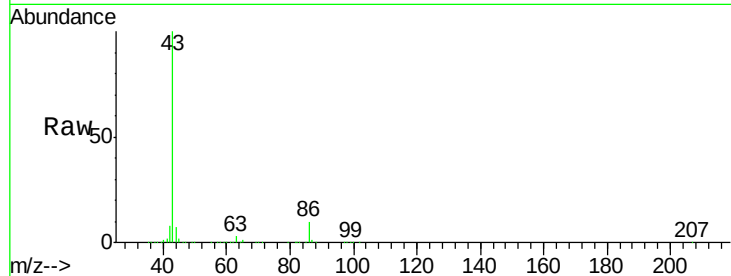
86 10.1 7.9 11.9

Manual Integrations

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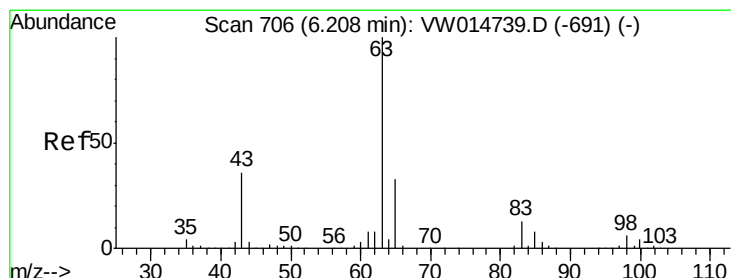
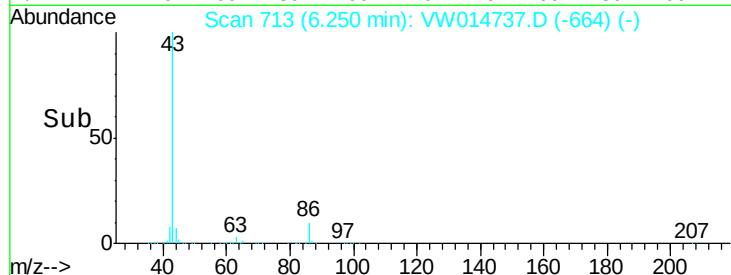
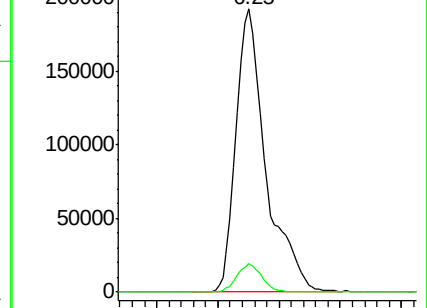
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.917 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

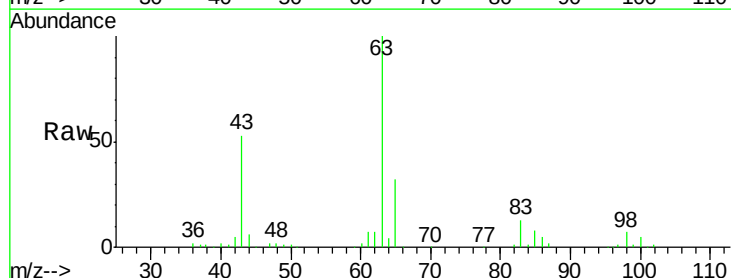
Tgt Ion: 63 Resp: 145613

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

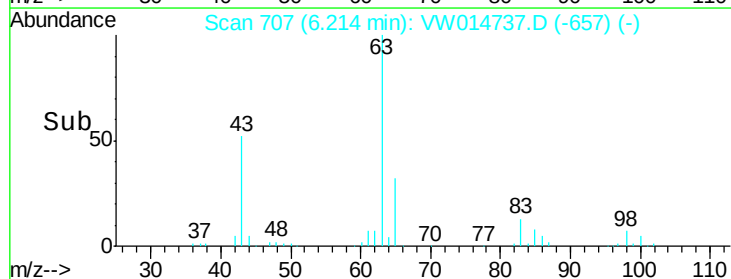
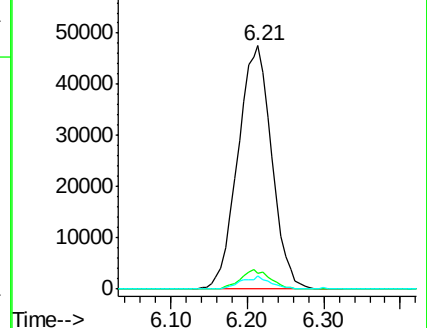
100 5.2 2.1 6.5

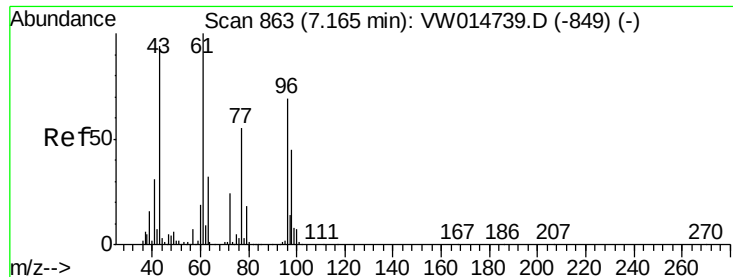


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 49.253 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 111903

Ion Ratio Lower Upper

43 100

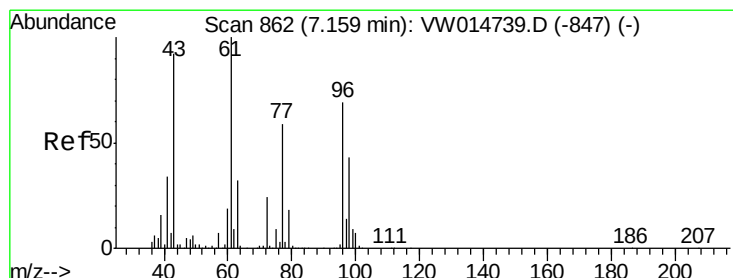
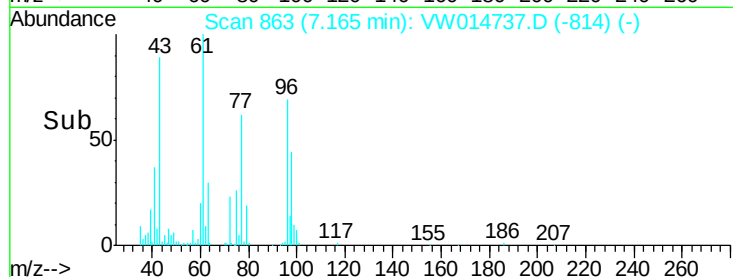
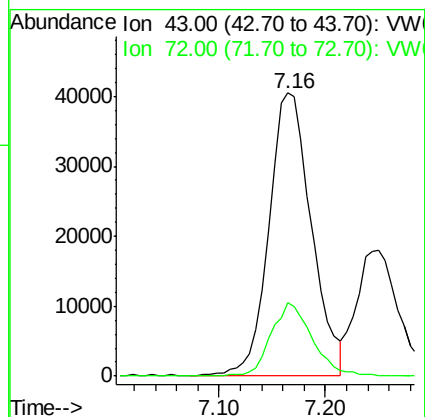
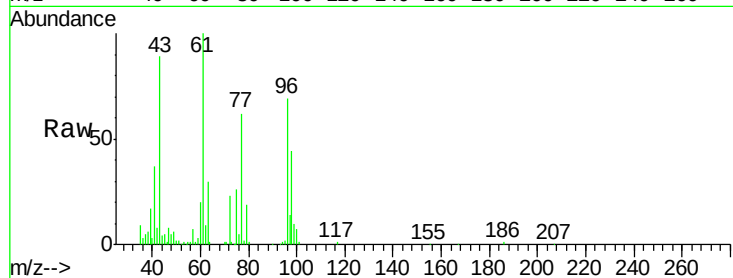
72 25.8 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.628 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW014737.D

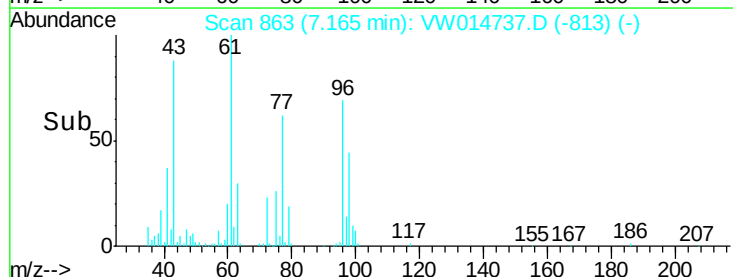
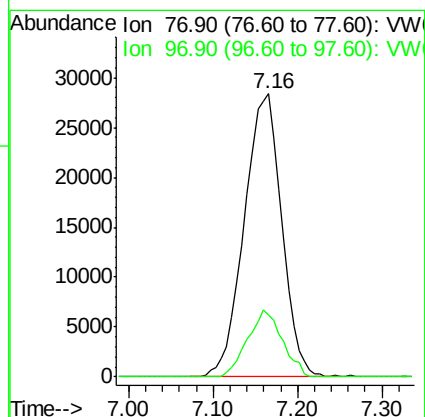
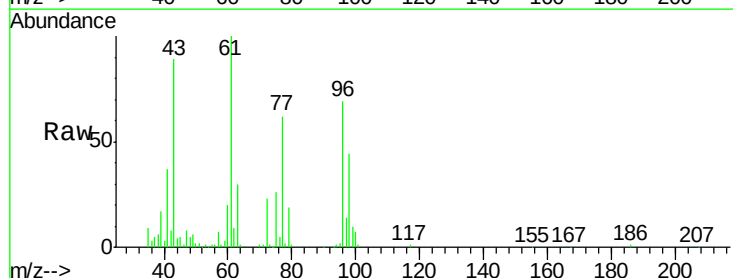
Acq: 24 Jan 2020 10:59

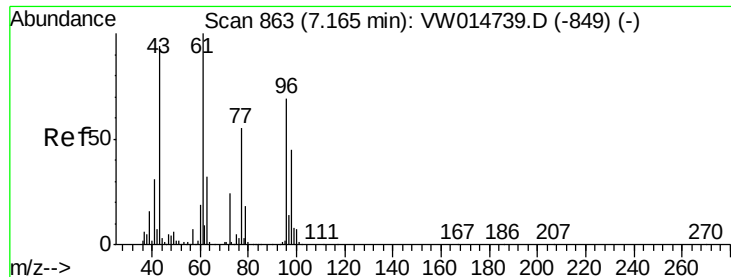
Tgt Ion: 77 Resp: 85943

Ion Ratio Lower Upper

77 100

97 22.0 11.9 35.9





#27

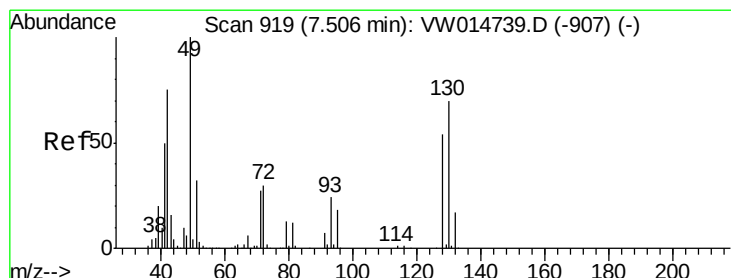
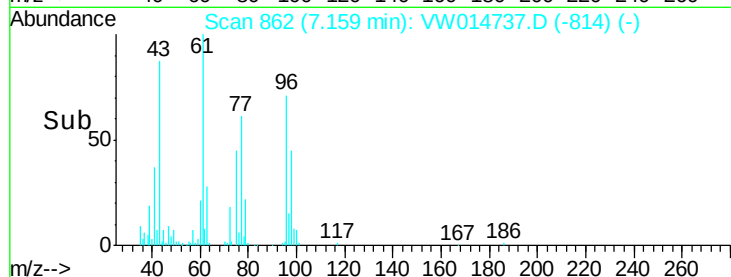
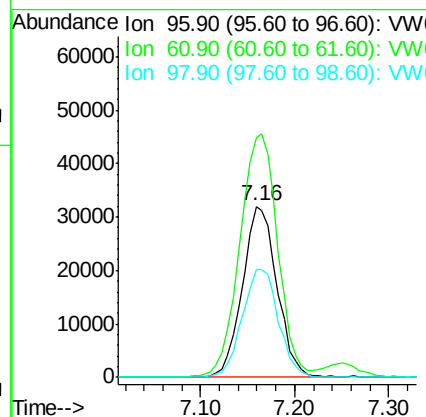
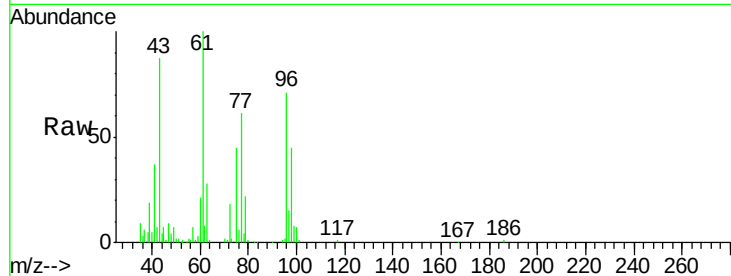
cis-1,2-Dichloroethene
Concen: 10.045 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	292.2
98	66.2	0.0	127.6

Manual Integrations
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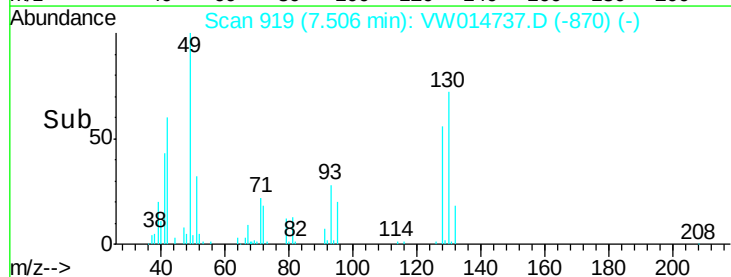
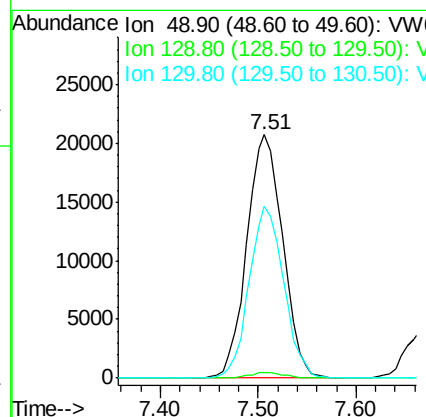
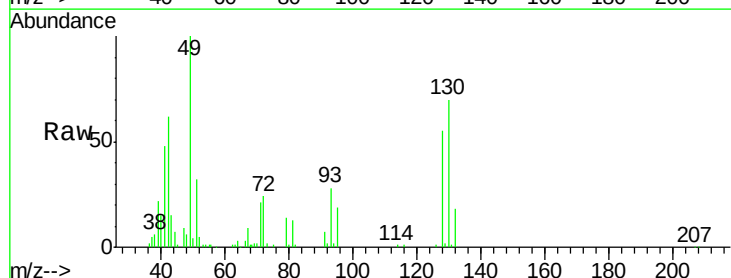
MMDadoda
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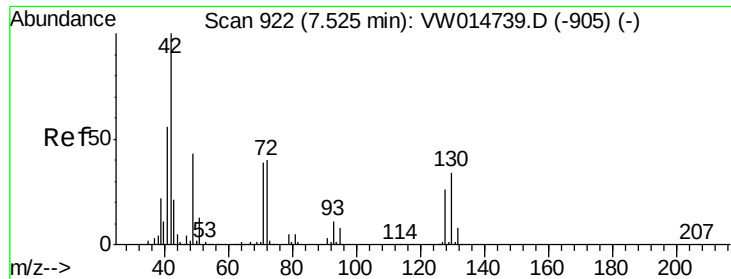


#28

Bromochloromethane
Concen: 10.239 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.6
130	68.0	56.7	85.1





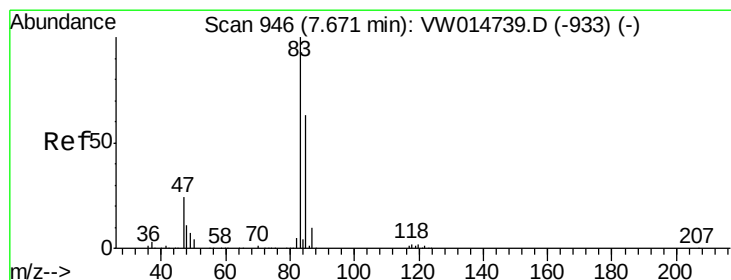
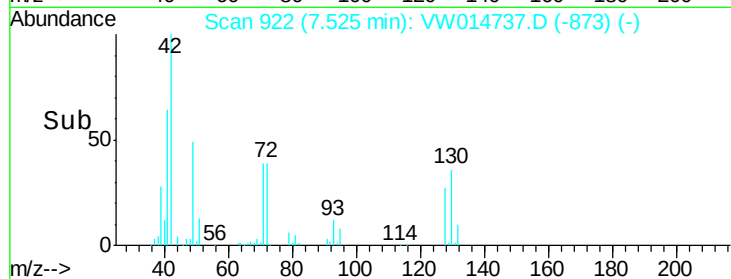
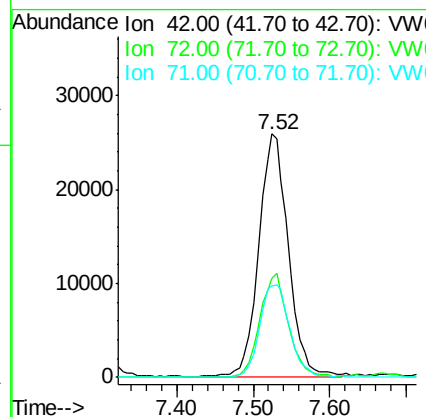
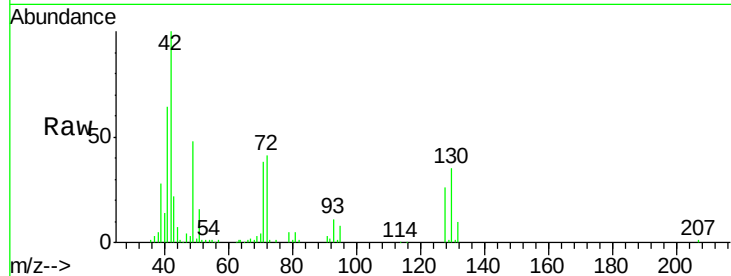
#29
Tetrahydrofuran
Concen: 49.710 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	70342
Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.3	48.5
71	38.8	31.0	46.4

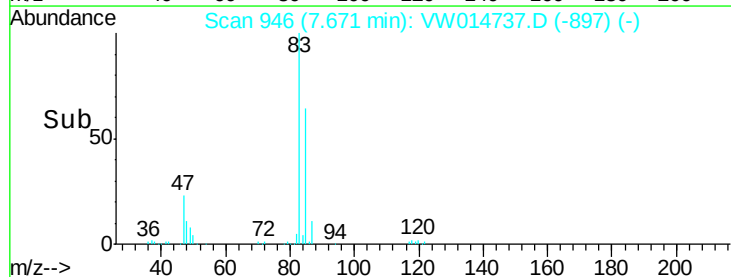
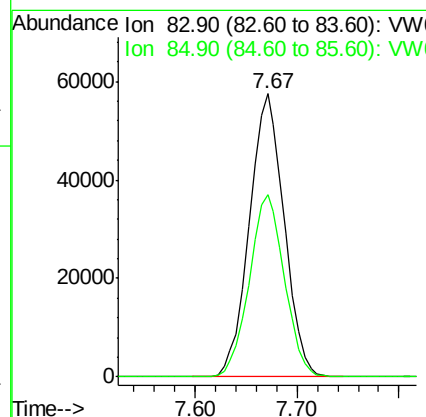
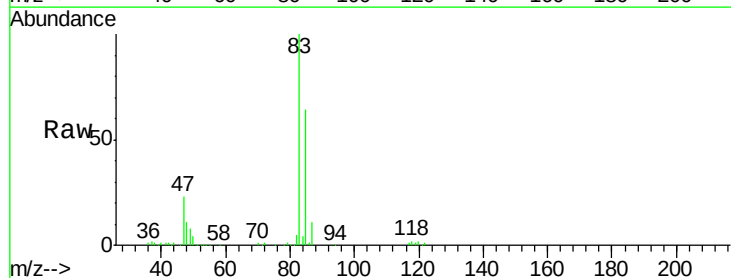
Manual Integrations
APPROVED

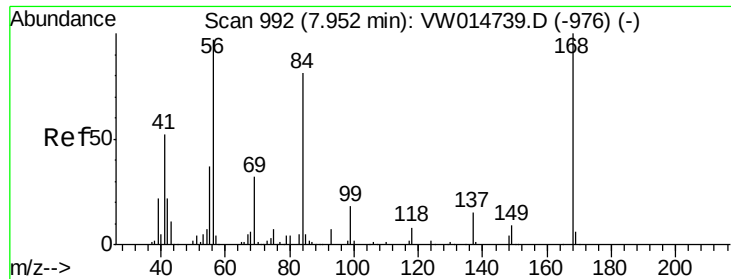
MMDadoda
1/27/2020 12:04:36 PM



#30
Chloroform
Concen: 10.960 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion:	83	Resp:	136497
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1





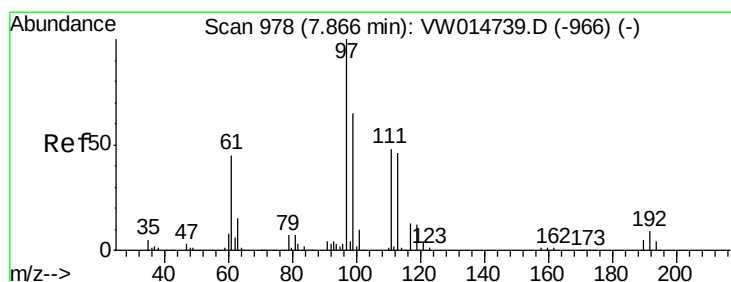
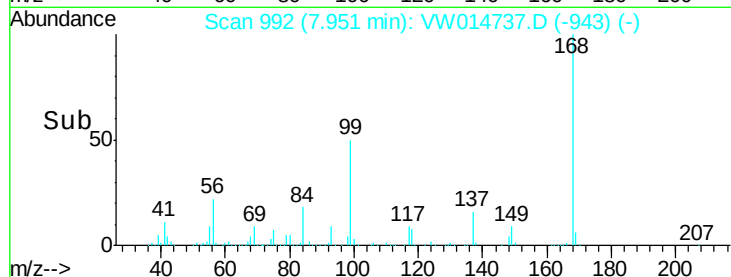
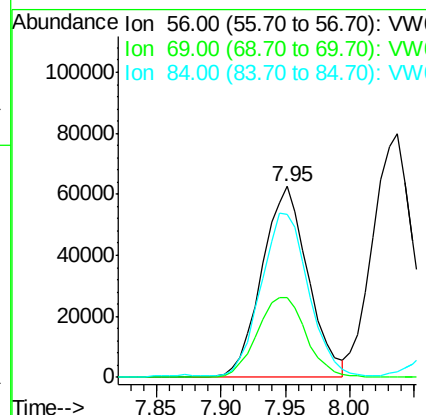
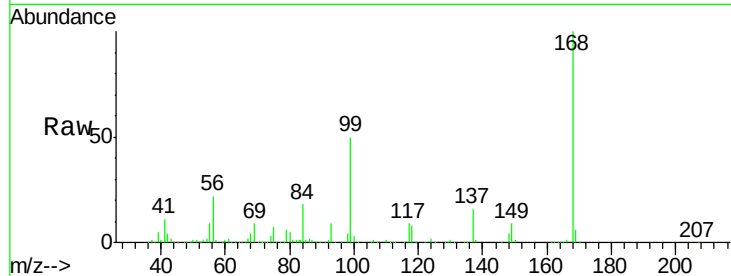
#31
Cyclohexane
Concen: 11.264 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.6	26.0	39.0#
84	84.4	66.6	99.8

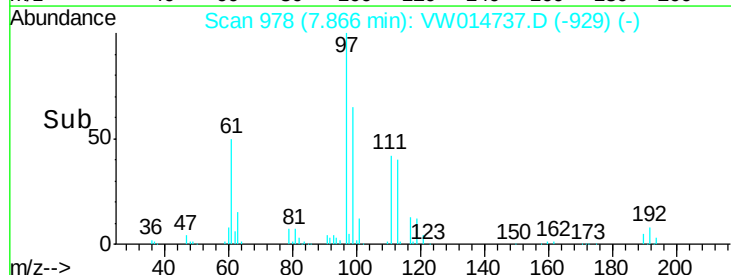
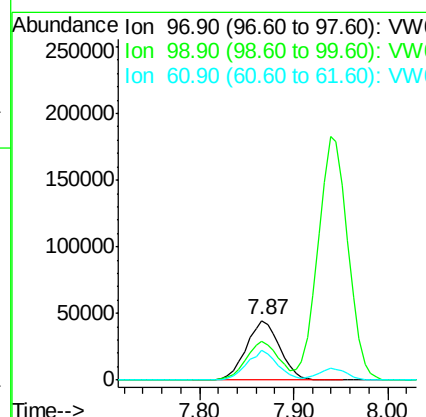
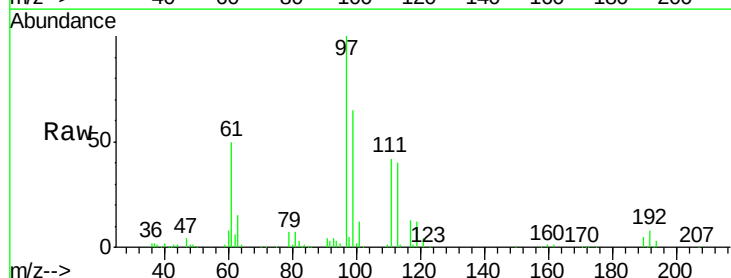
Manual Integrations
APPROVED

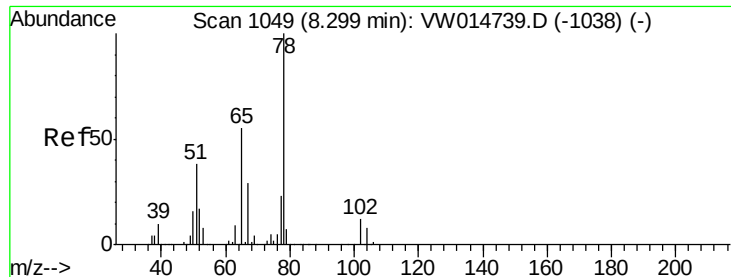
MMDadoda
1/27/2020 12:04:36 PM



#32
1,1,1-Trichloroethane
Concen: 11.078 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.2	78.4
61	46.2	36.2	54.4





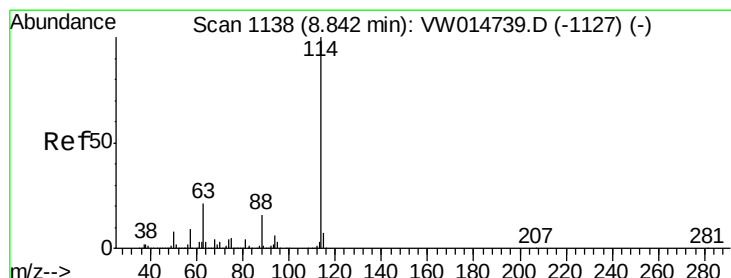
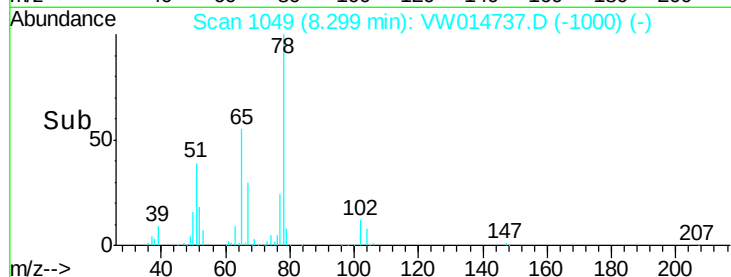
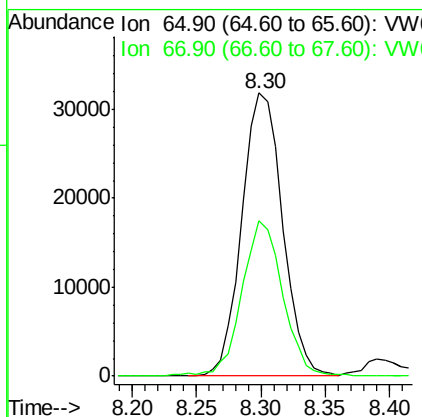
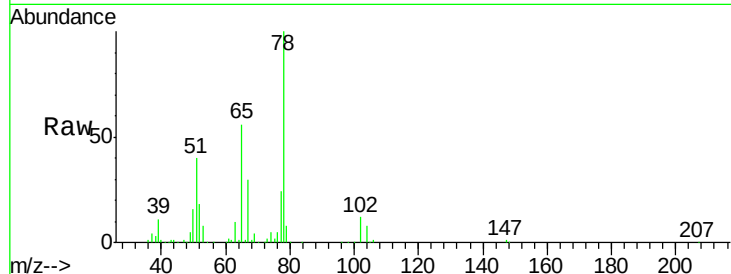
#33
 1,2-Dichloroethane-d4
 Concen: 10.771 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 65 Resp: 69799
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.0

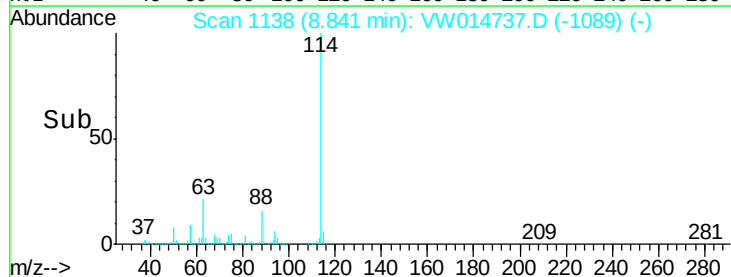
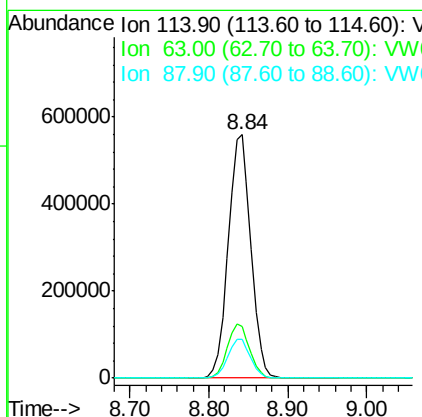
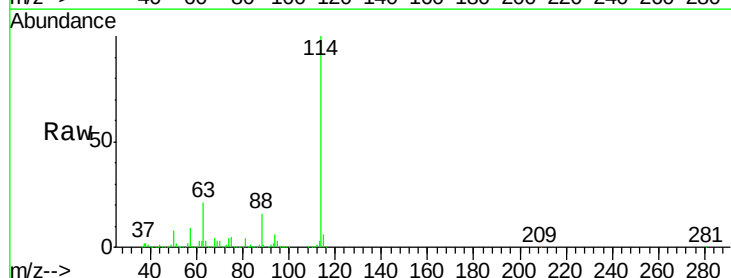
Manual Integrations
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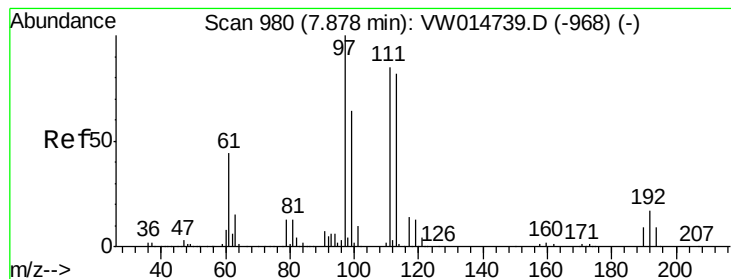
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 114 Resp: 1109890
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 10.226 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

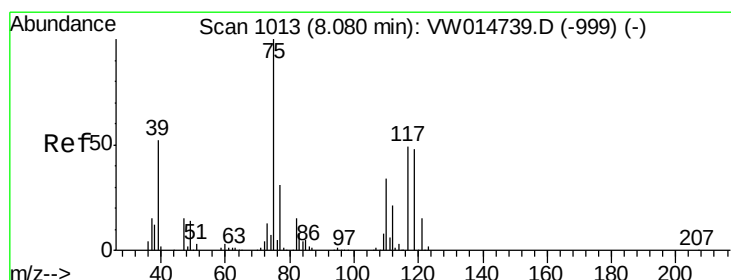
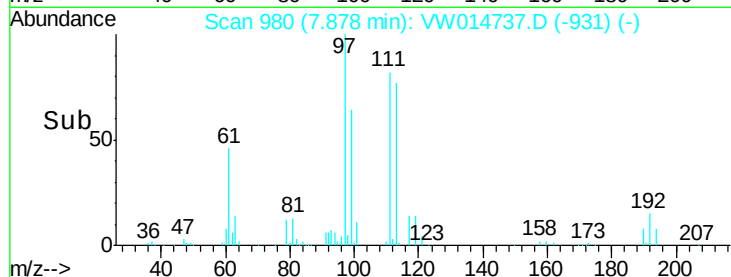
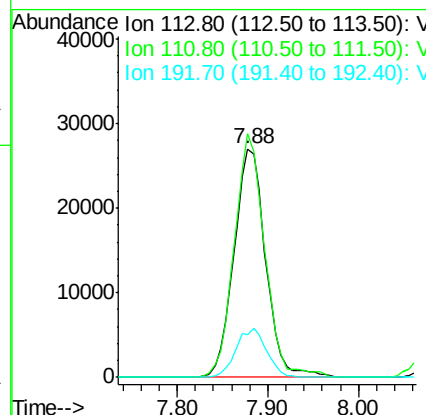
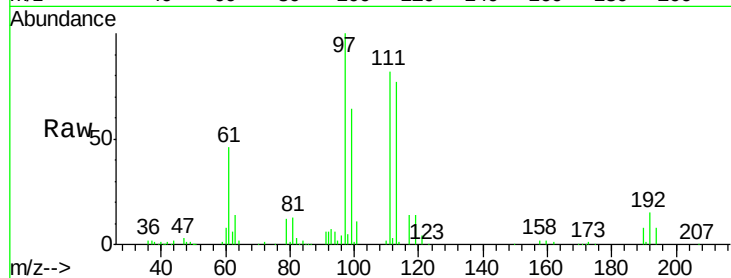
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	65471
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	20.6	17.0	25.6

Manual Integrations
APPROVED

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1/27/2020 12:04:36 PM



#36

1,1-Dichloropropene

Concen: 10.988 ug/l

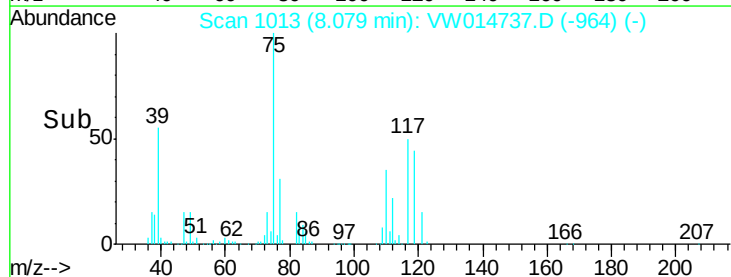
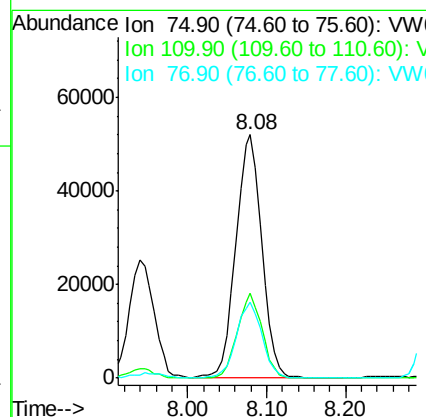
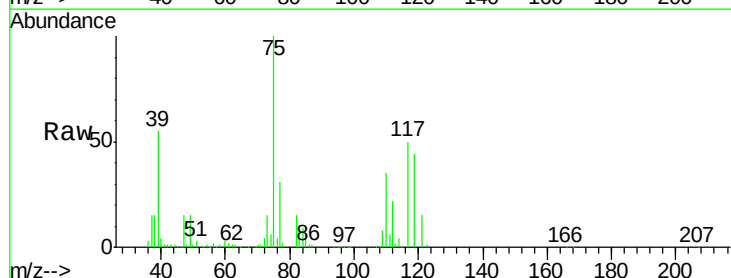
RT: 8.08 min Scan# 1013

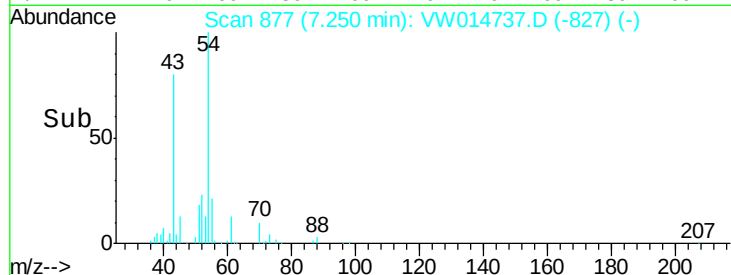
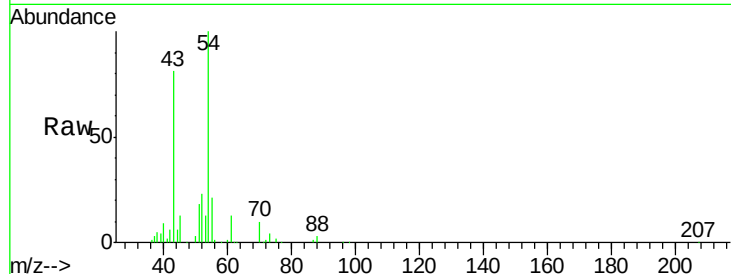
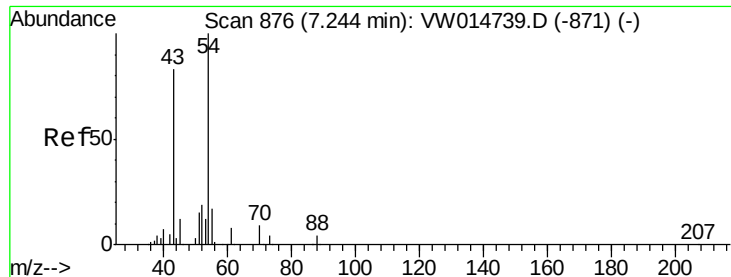
Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	75	Resp:	119321
Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.1	51.2
77	30.9	24.8	37.2





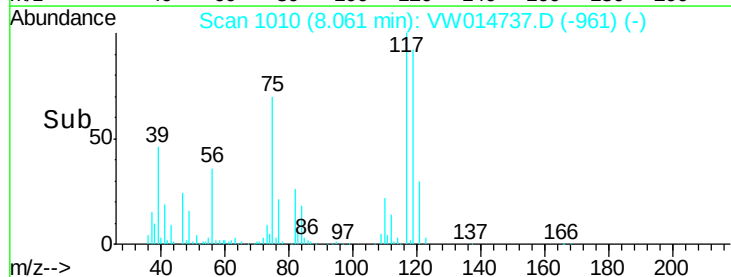
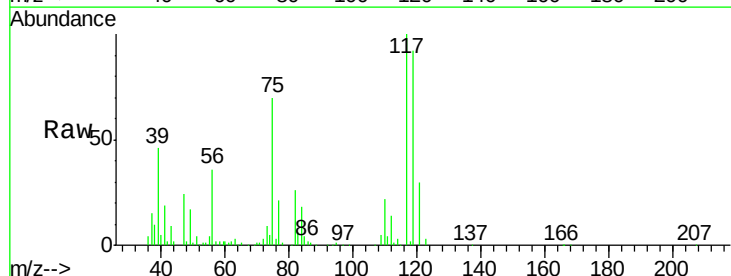
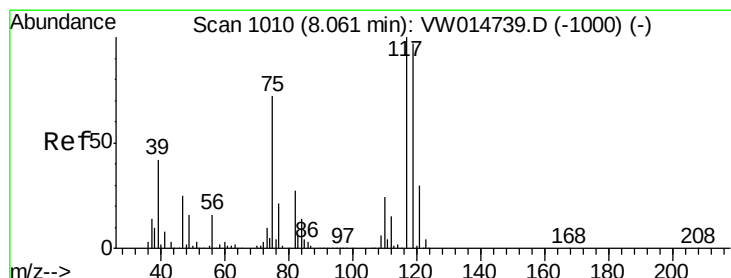
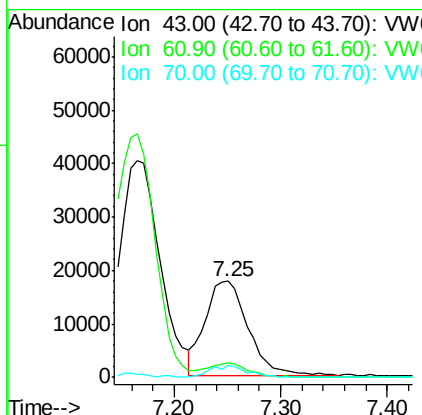
#37
Ethyl Acetate
Concen: 10.311 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tot Ion	43	Resp	49516
Ion Ratio	100	Lower	Upper
43	100		
61	14.6	10.7	16.1
70	10.2	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

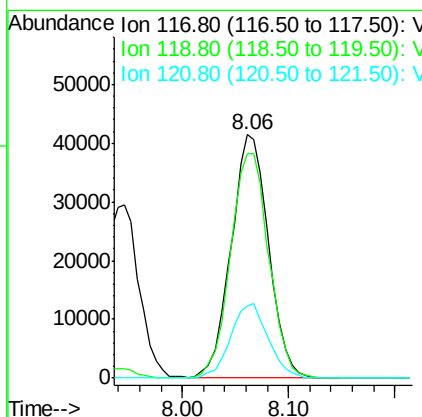
Manual Integrations
APPROVED

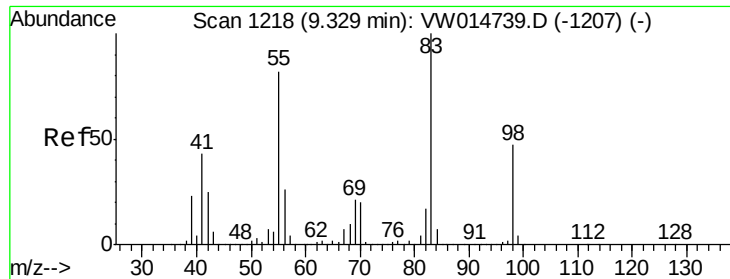
MMDadoda
1/27/2020 12:04:36 PM



#38
Carbon Tetrachloride
Concen: 10.848 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	117	Resp	102111
Ion Ratio	100	Lower	Upper
117	100		
119	92.1	77.5	116.3
121	29.6	24.3	36.5





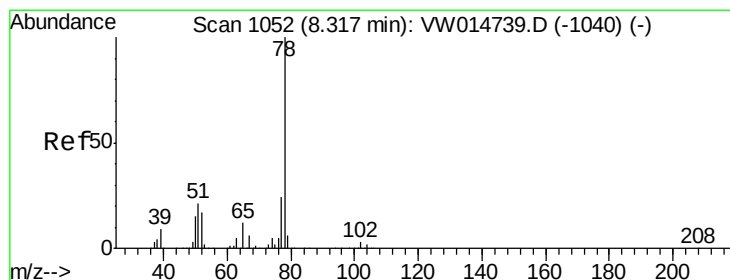
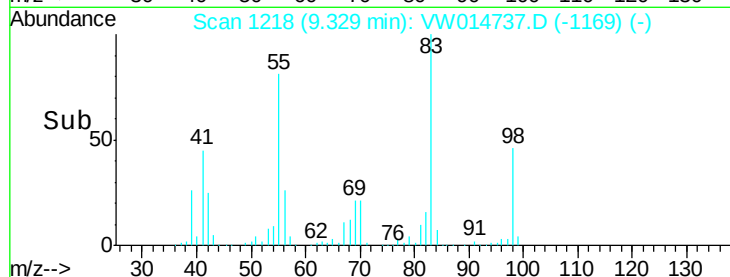
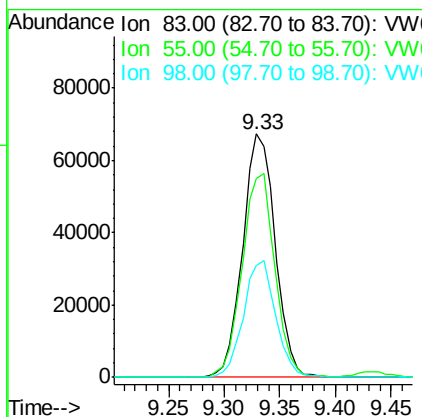
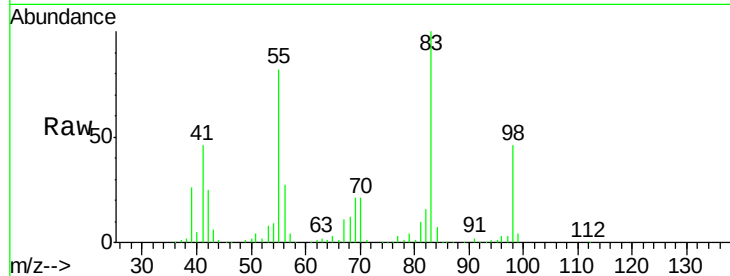
#39
Methylvlcyclohexane
Concen: 9.925 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	65.2	97.8
98	46.2	37.6	56.4

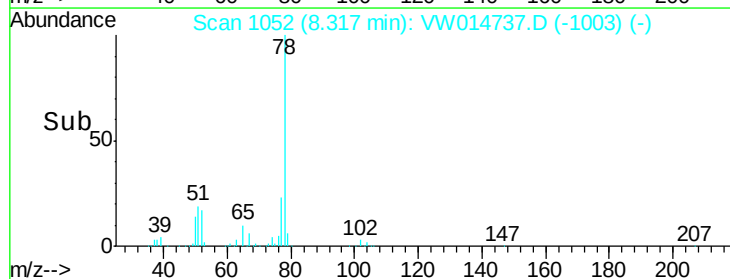
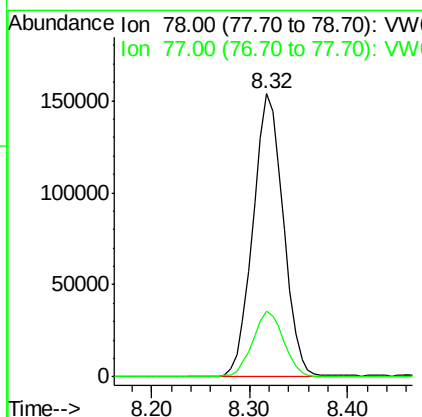
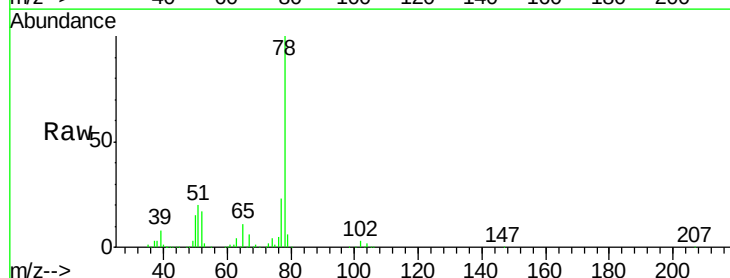
Manual Integrations
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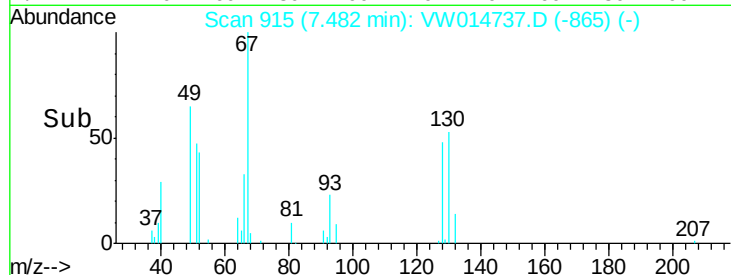
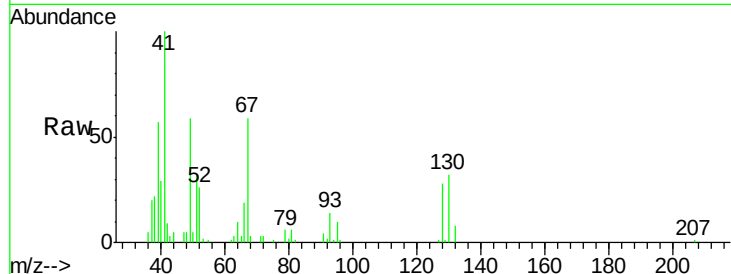
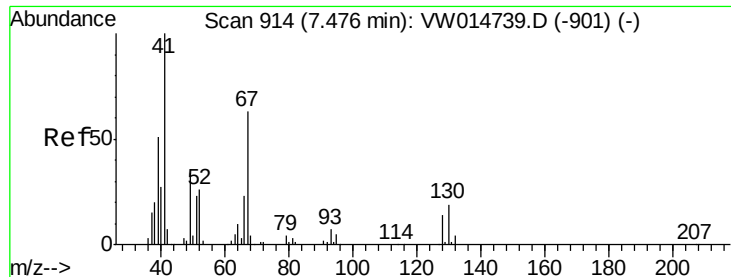
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#40
Benzene
Concen: 10.893 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





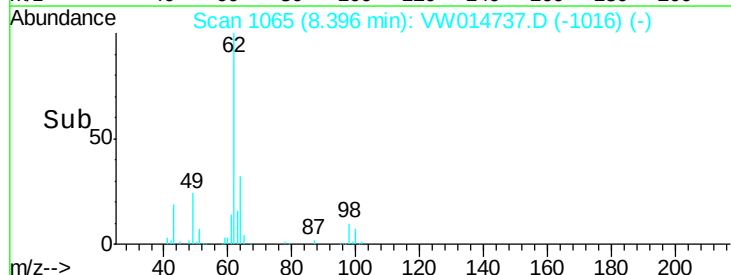
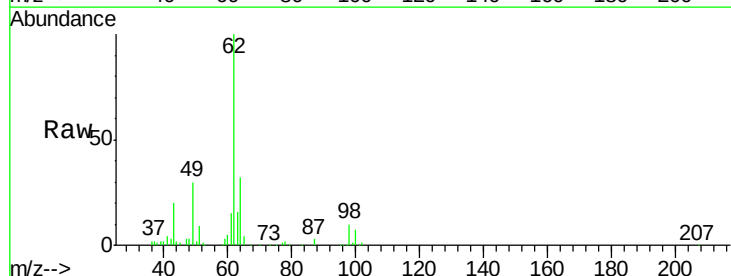
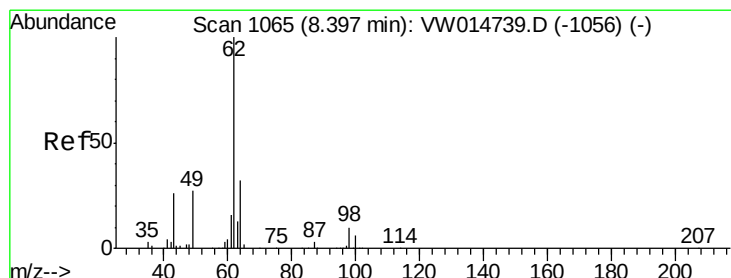
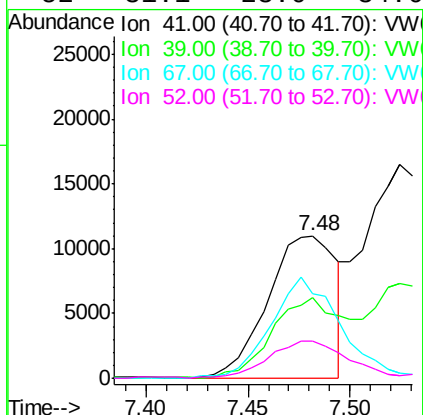
#41
Methacrylonitrile
Concen: 9.524 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tot Ion	41	Resp	25661
Ion Ratio	Lower	Upper	
41	100		
39	64.8	45.3	67.9
67	72.8	57.0	85.4
52	31.1	23.0	34.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

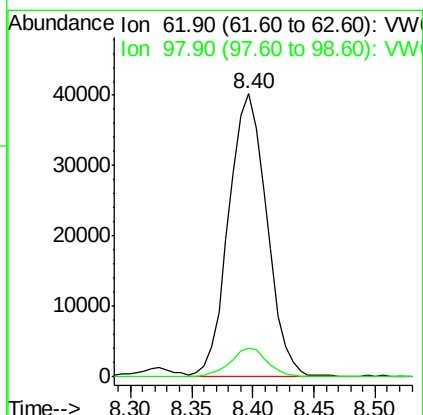
Manual Integrations
APPROVED

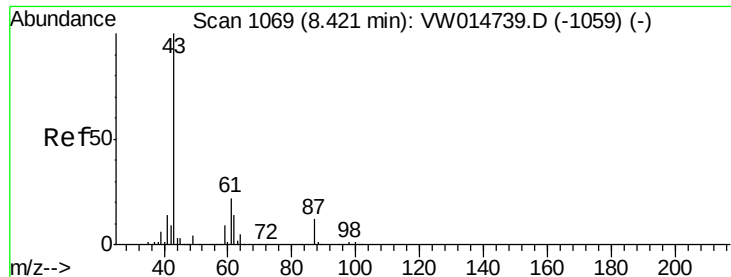
MMDadoda
1/27/2020 12:04:36 PM



#42
1,2-Dichloroethane
Concen: 10.899 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	62	Resp	87113
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 10.006 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

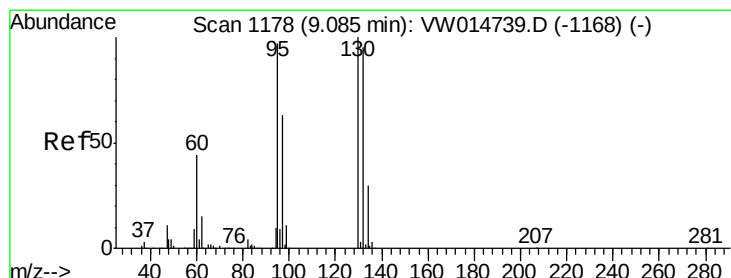
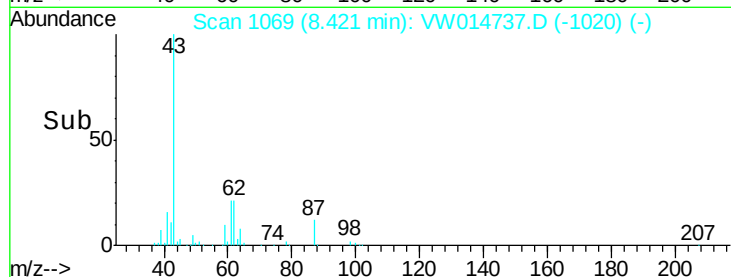
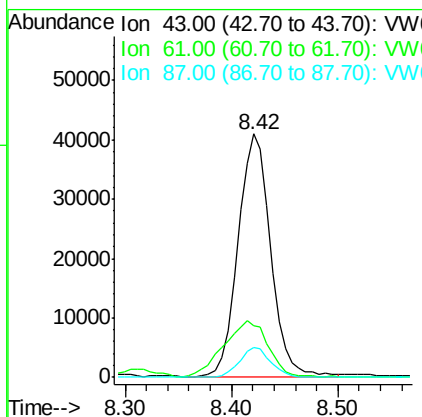
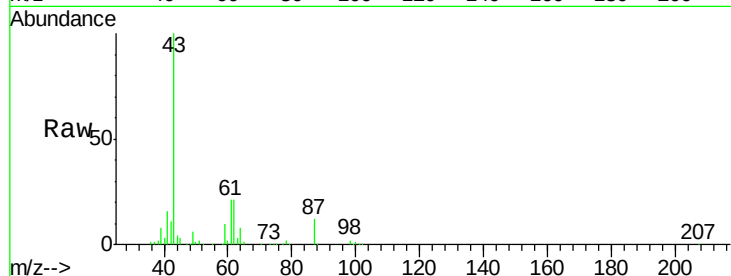
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	87911
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.4	36.6
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 10.096 ug/l

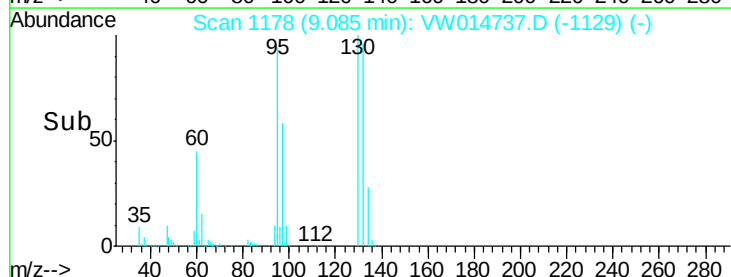
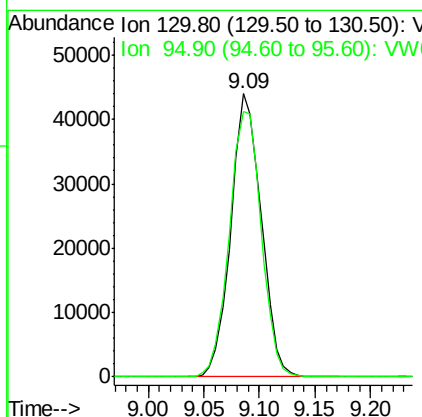
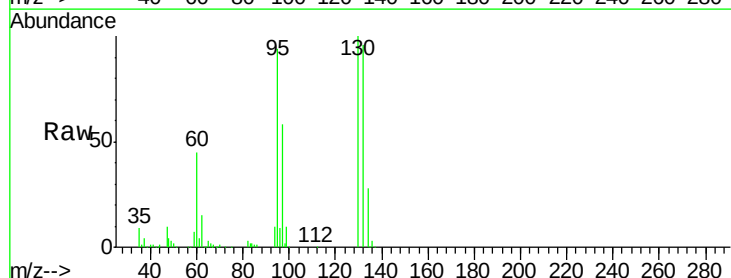
RT: 9.09 min Scan# 1178

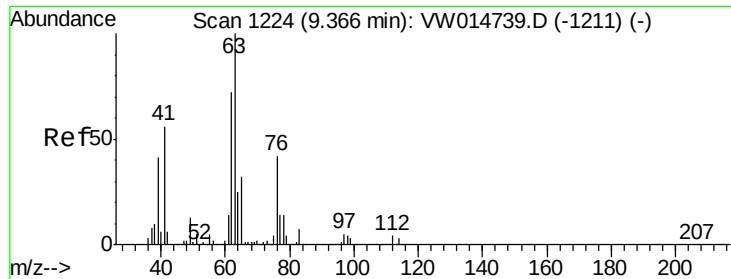
Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	130	Resp:	83154
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	193.2





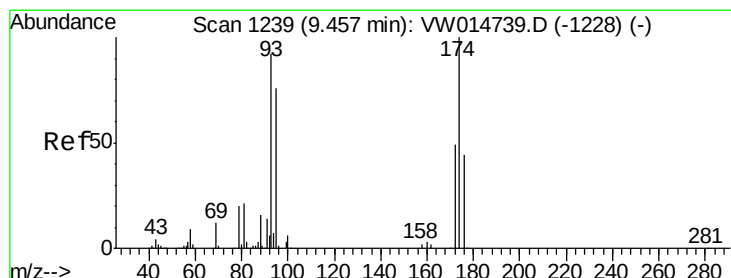
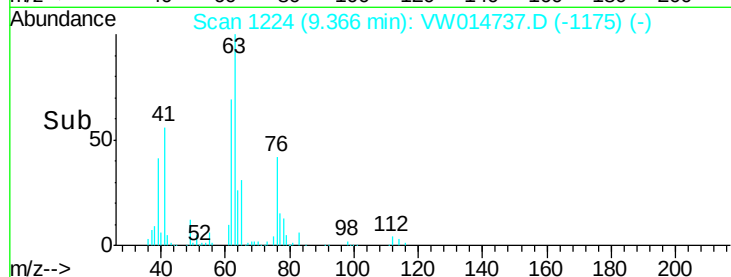
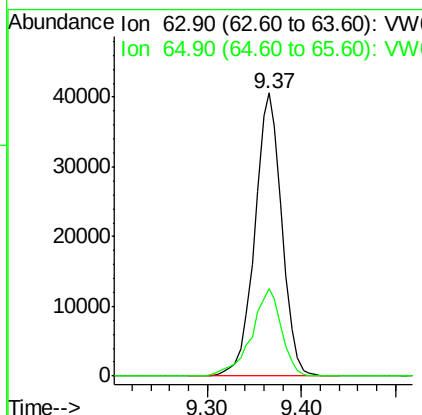
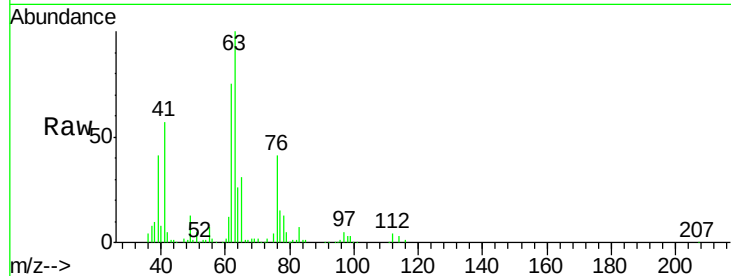
#45
 1,2-Dichloropropane
 Concen: 10.815 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.3	37.9

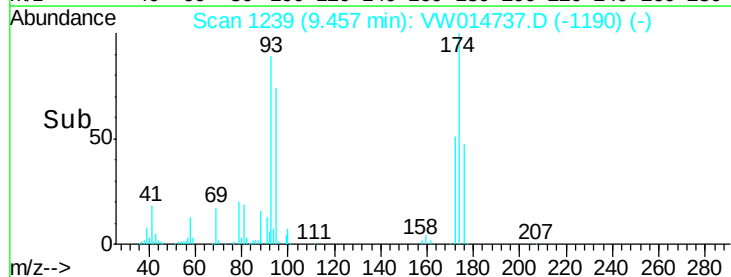
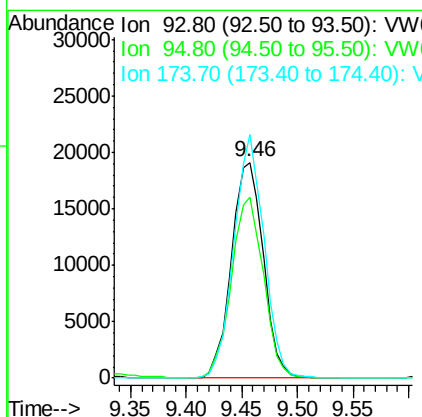
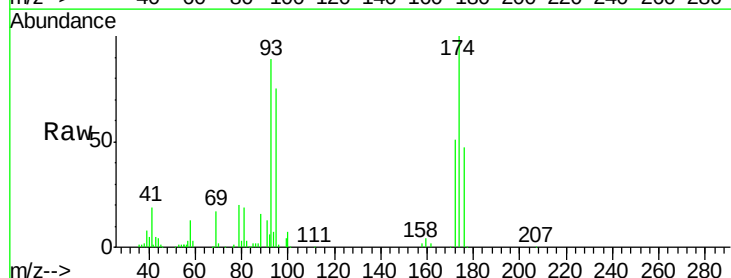
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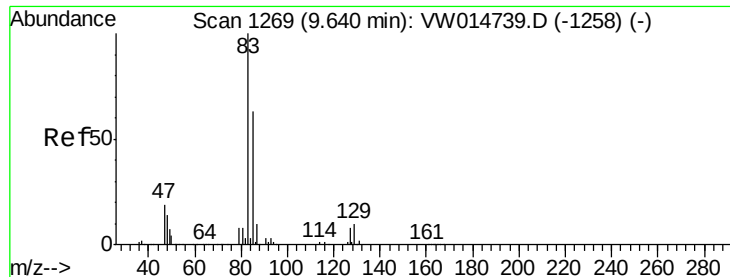
MMDadoda
 1/27/2020 12:04:36 PM



#46
 Dibromomethane
 Concen: 10.324 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.4	98.2
174	106.9	84.2	126.2





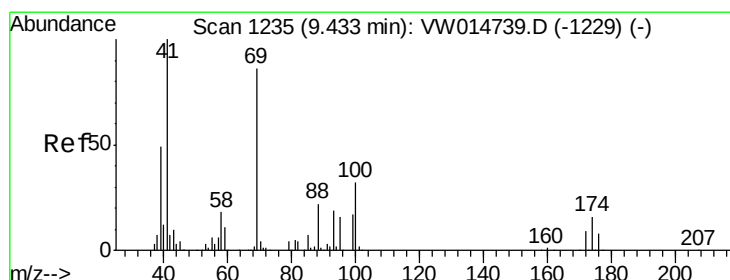
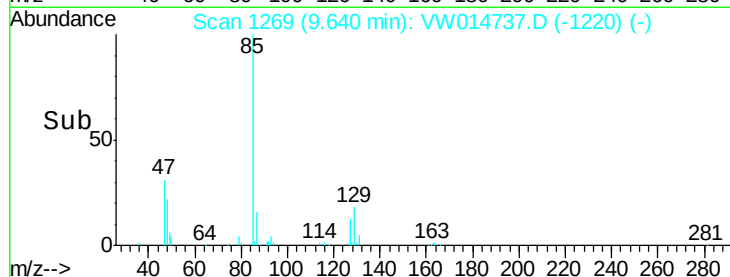
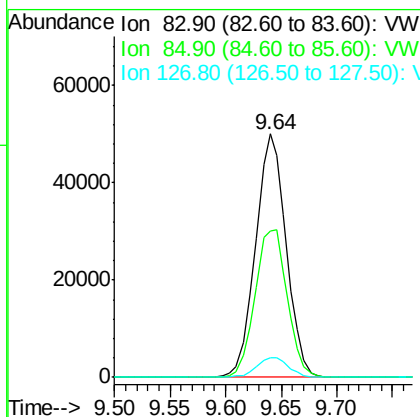
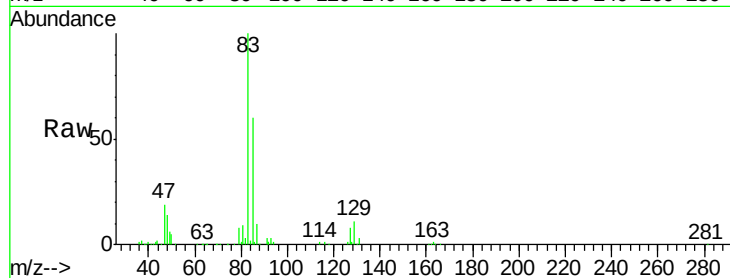
#47
Bromodichloromethane
Concen: 10.424 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	83	Resp	95719
Ion Ratio	100	Lower	Upper
83	100		
85	60.3	50.1	75.1
127	7.8	6.5	9.7

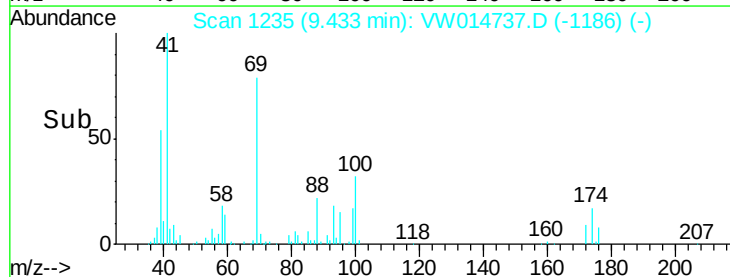
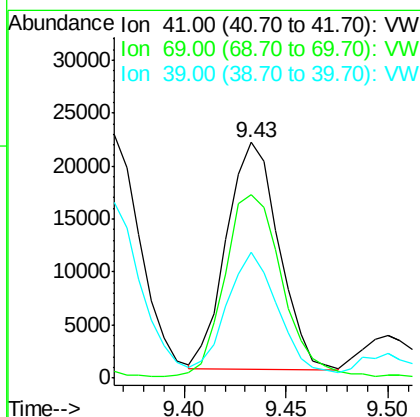
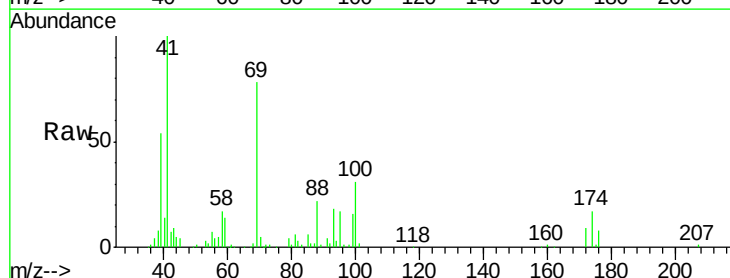
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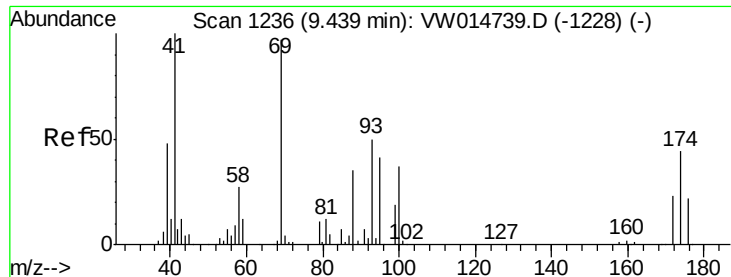
MMDadoda
1/27/2020 12:04:36 PM



#48
Methyl methacrylate
Concen: 8.992 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	41	Resp	38172
Ion Ratio	100	Lower	Upper
41	100		
69	88.8	69.6	104.4
39	50.6	40.2	60.4





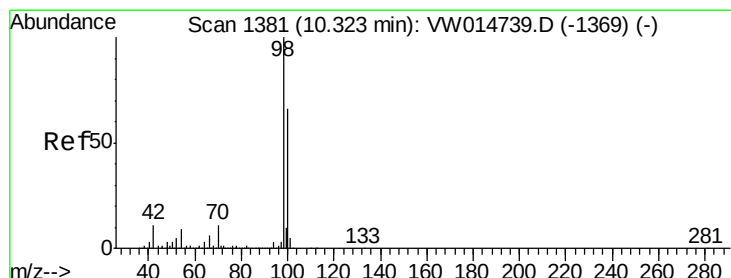
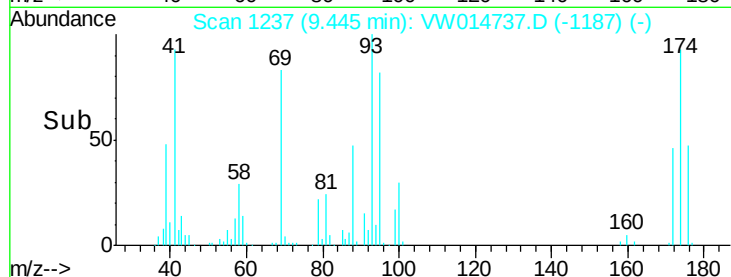
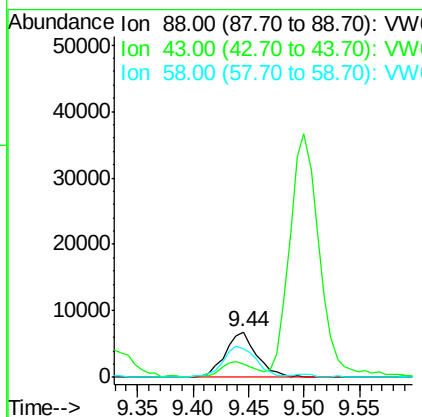
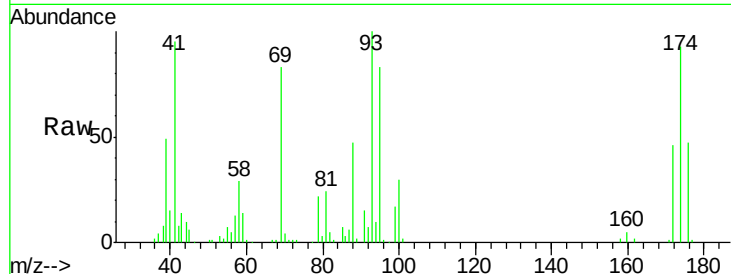
#49
1,4-Dioxane
Concen: 200.191 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.1	40.7
58	73.3	58.7	88.1

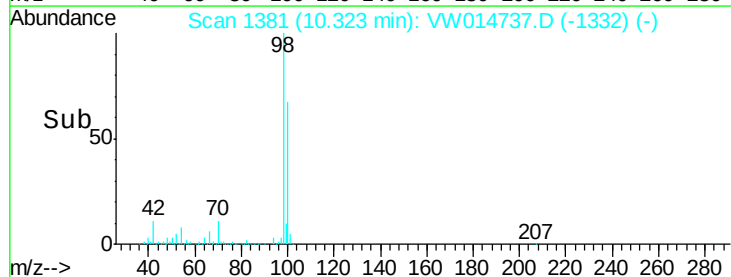
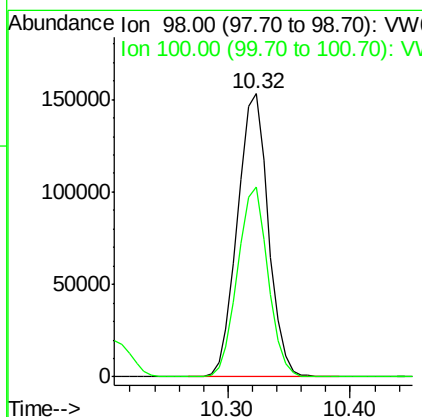
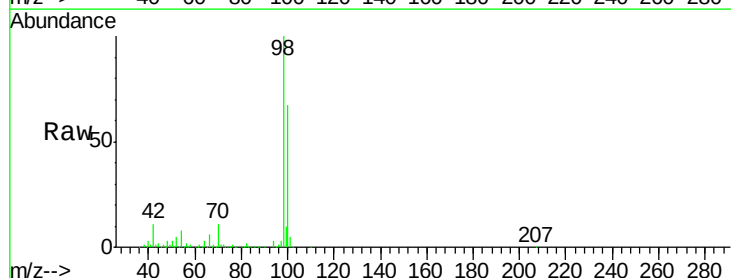
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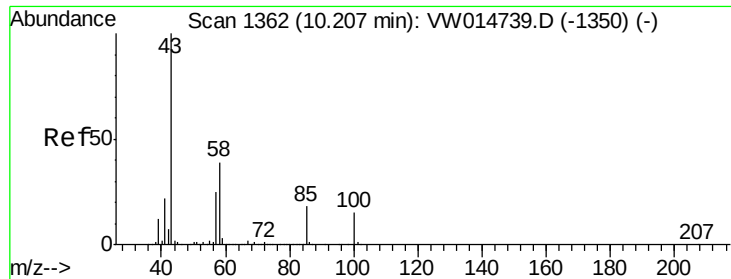
MMDadoda
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#50
Toluene-d8
Concen: 10.017 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





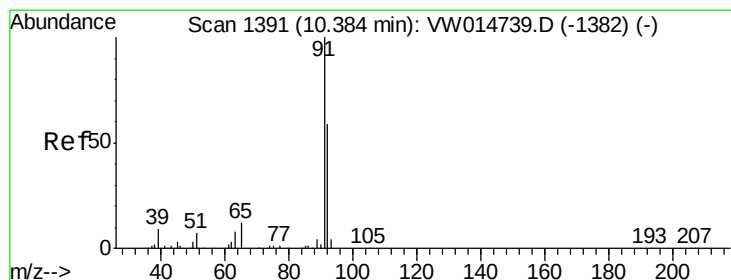
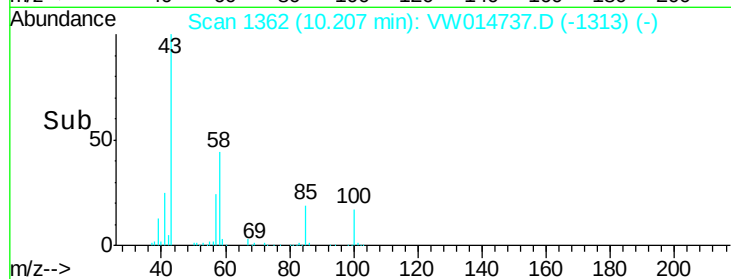
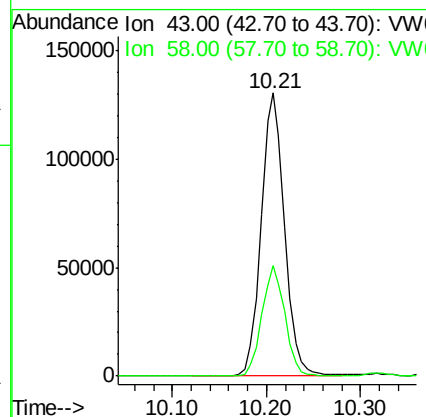
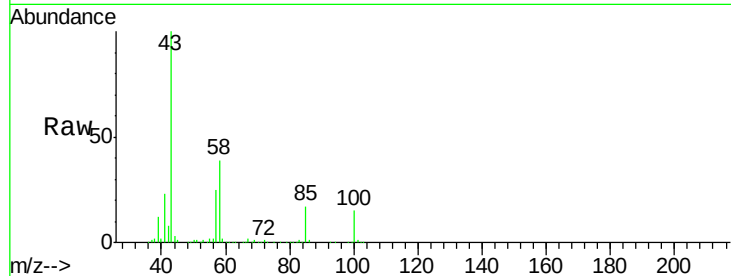
#51
 4-Methyl-2-Pentanone
 Concen: 50.253 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.4	47.0

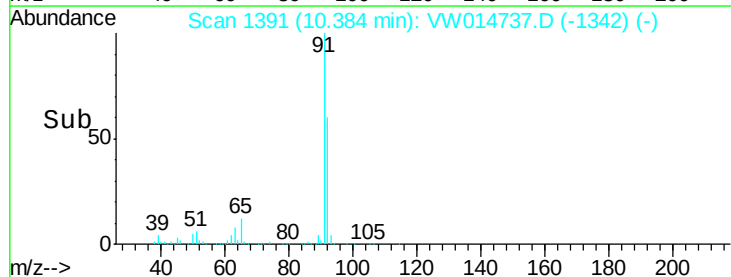
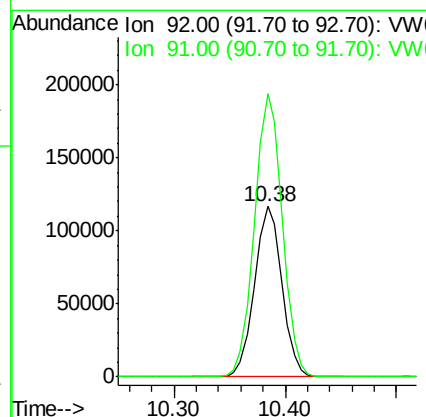
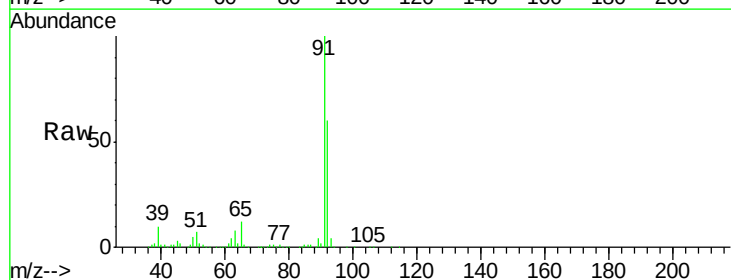
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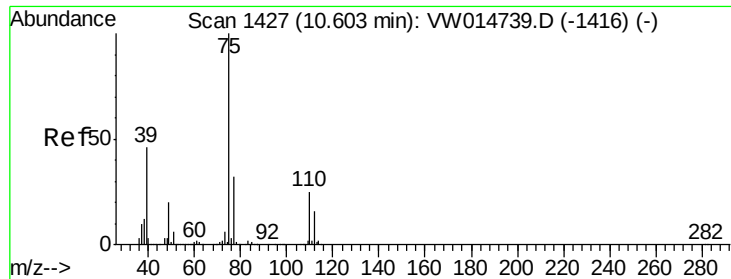
MMDadoda
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#52
 Toluene
 Concen: 10.435 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.8	203.8





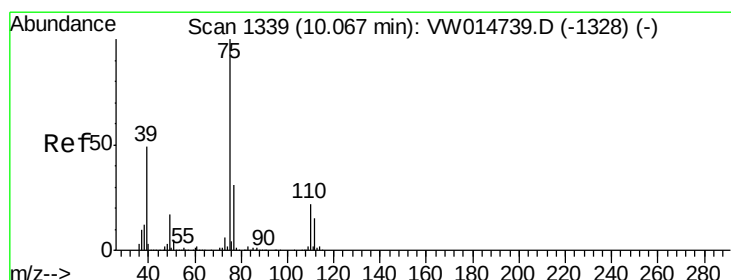
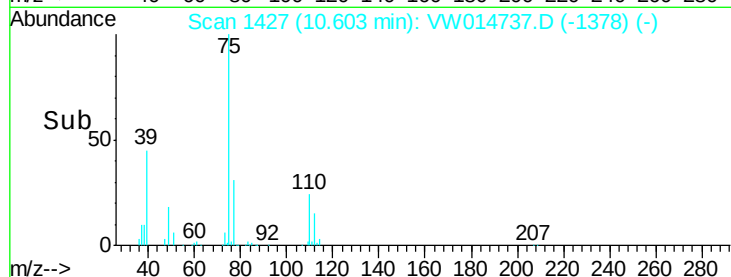
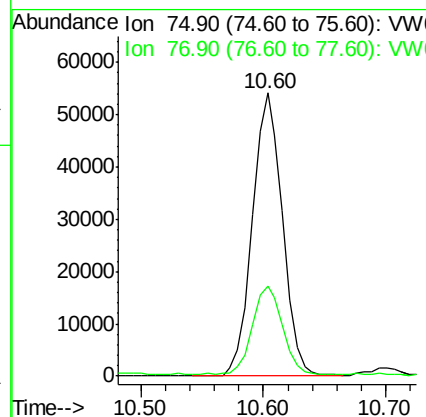
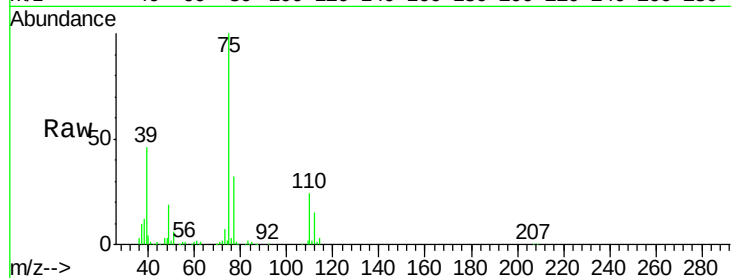
#53
t-1,3-Dichloropropene
Concen: 9.867 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	75	Resp	92784
Ion Ratio	Lower	Upper	
75	100		
77	31.1	25.7	38.5

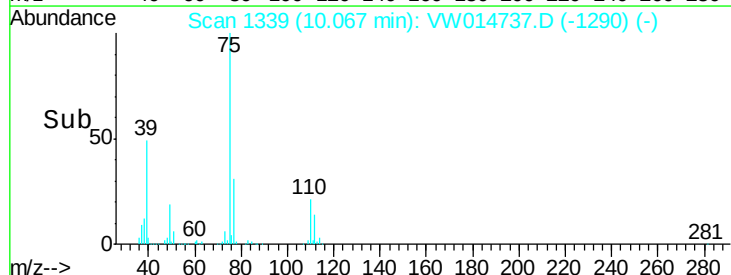
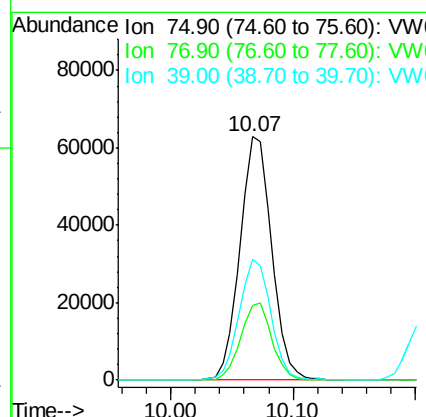
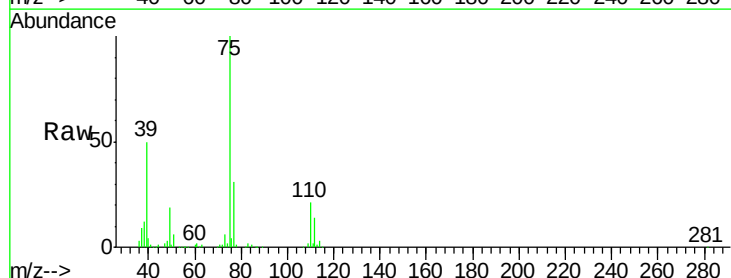
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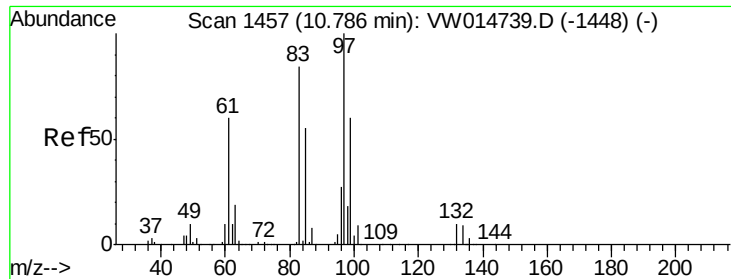
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#54
cis-1,3-Dichloropropene
Concen: 9.804 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	75	Resp	113149
Ion Ratio	Lower	Upper	
75	100		
77	30.5	25.0	37.4
39	49.4	39.0	58.6





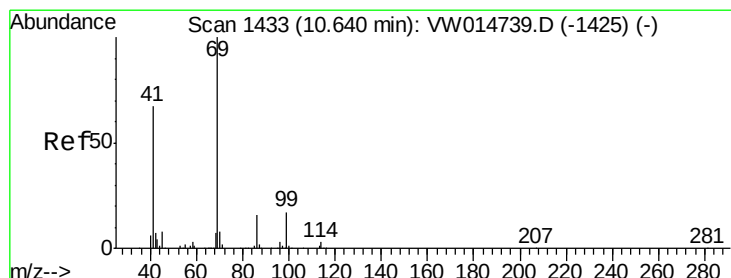
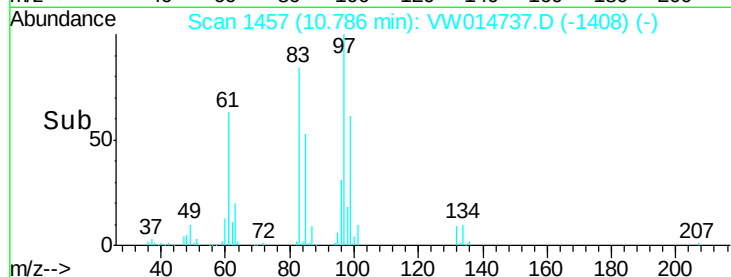
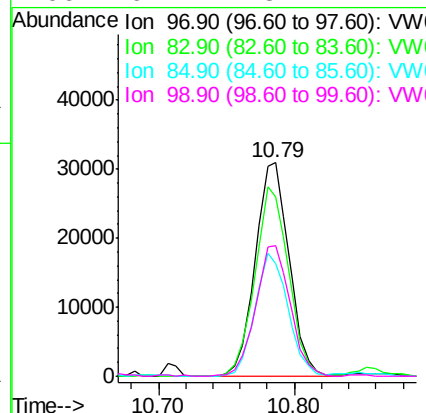
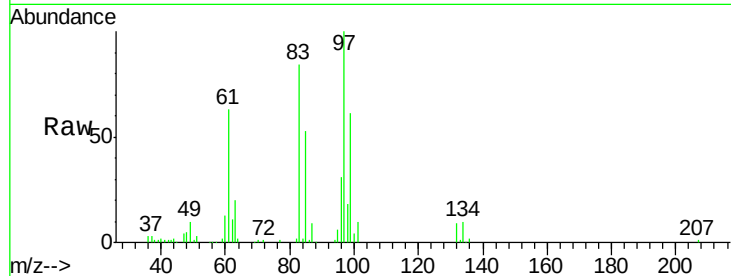
#55
 1,1,2-Trichloroethane
 Concen: 10.171 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	54316
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.1	100.7
85	52.8	44.2	66.2
99	61.1	48.2	72.4

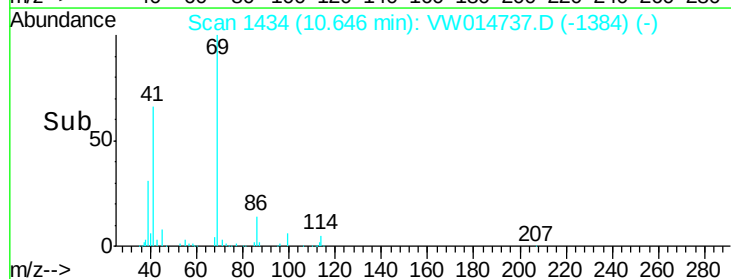
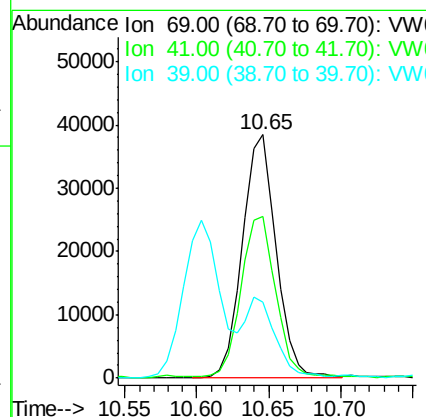
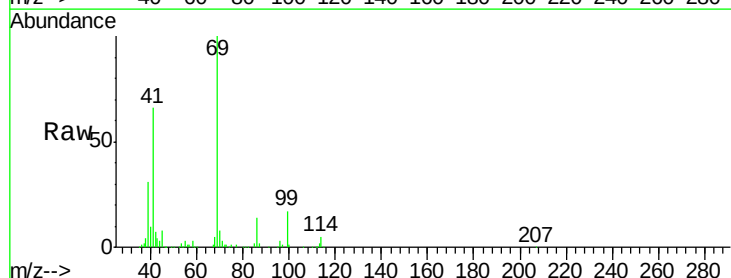
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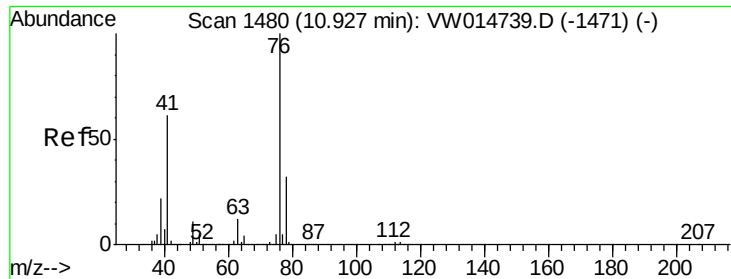
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#56
 Ethyl methacrylate
 Concen: 9.088 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion:	69	Resp:	62751
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.4	81.6
39	28.9	22.4	33.6





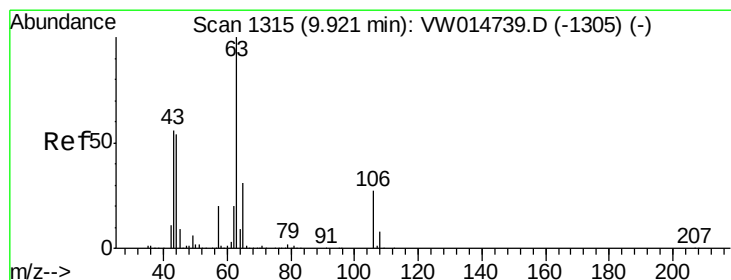
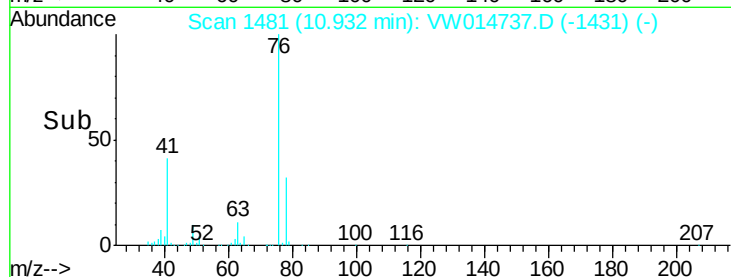
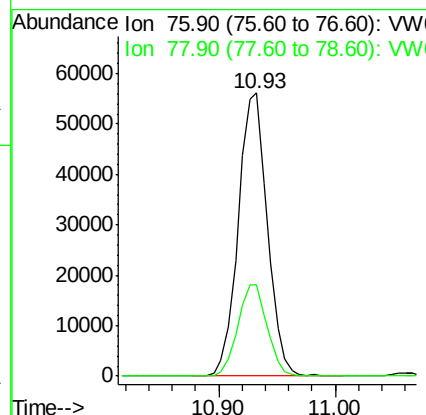
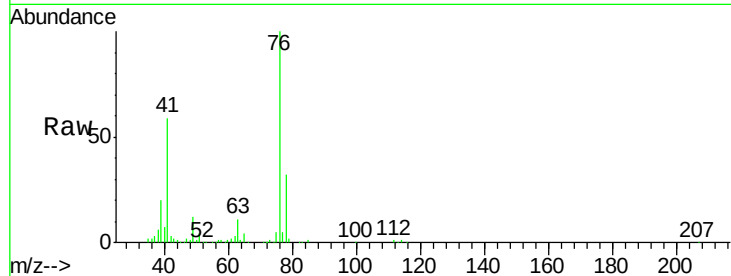
#57
 1,3-Dichloropropane
 Concen: 10.340 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 97697
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5

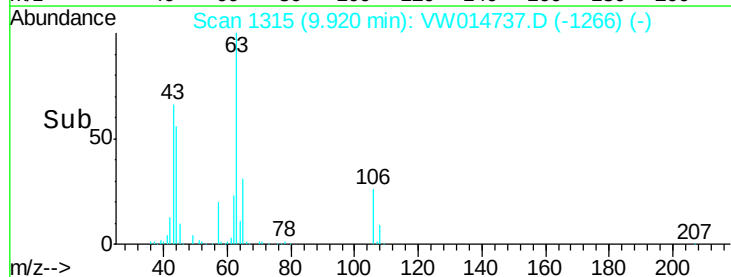
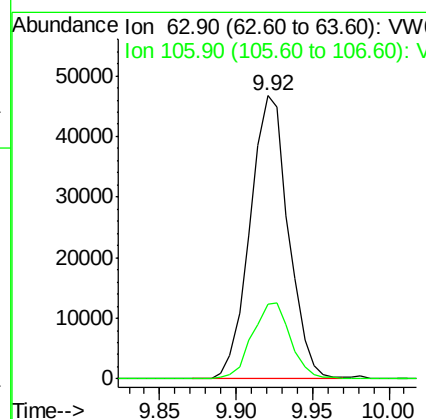
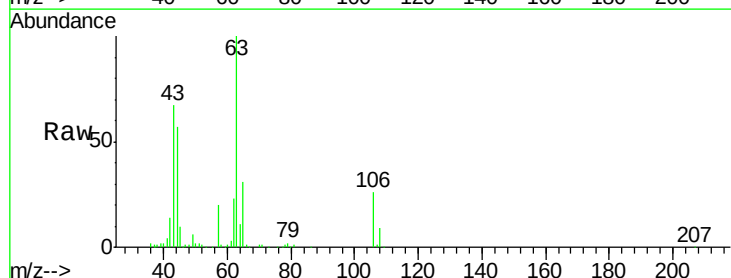
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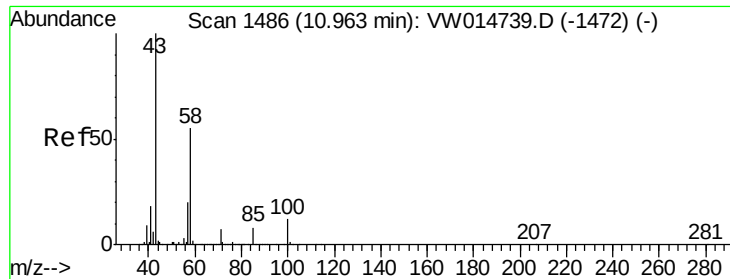
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#58
 2-Chloroethyl Vinyl ether
 Concen: 38.479 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 63 Resp: 81479
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8





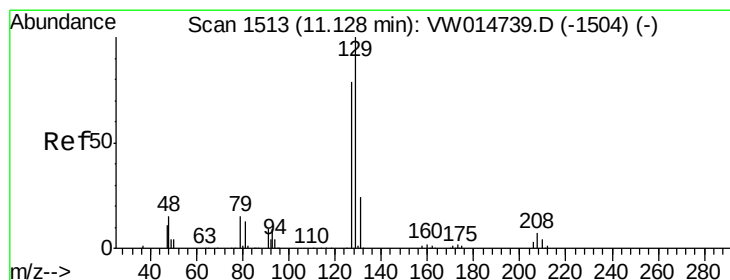
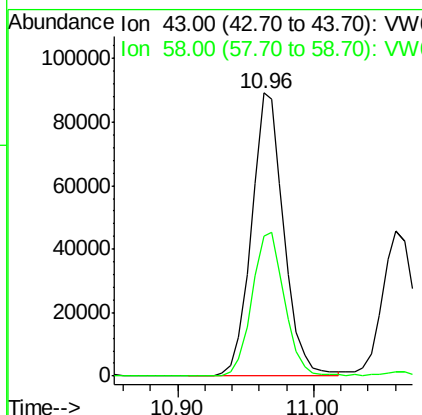
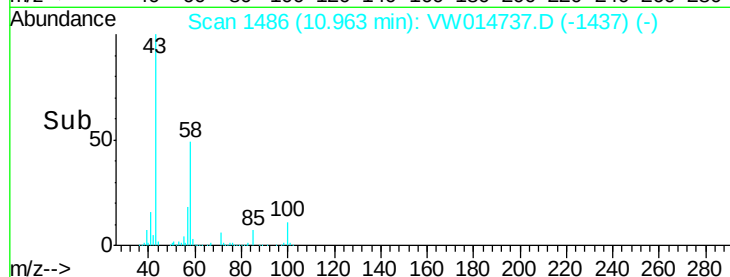
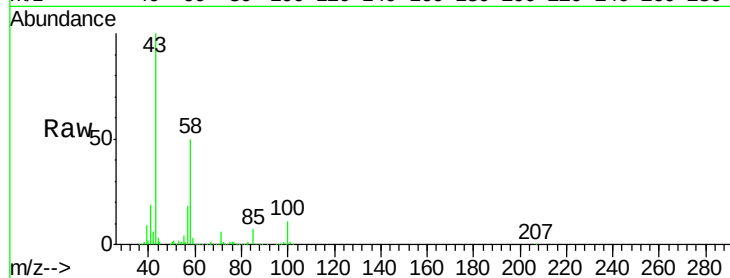
#59
2-Hexanone
Concen: 47.675 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 148281
Ion Ratio Lower Upper
43 100
58 51.4 27.3 81.8

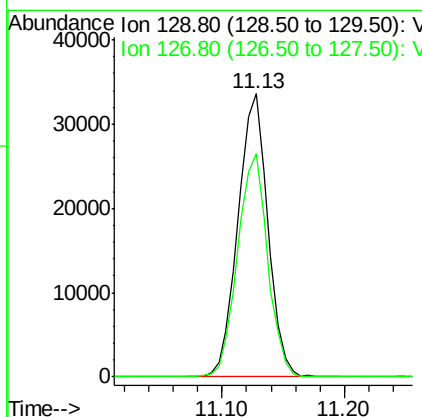
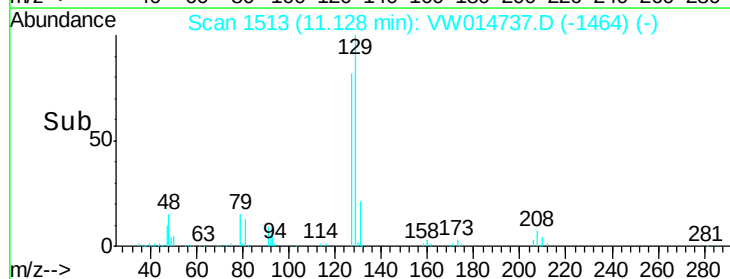
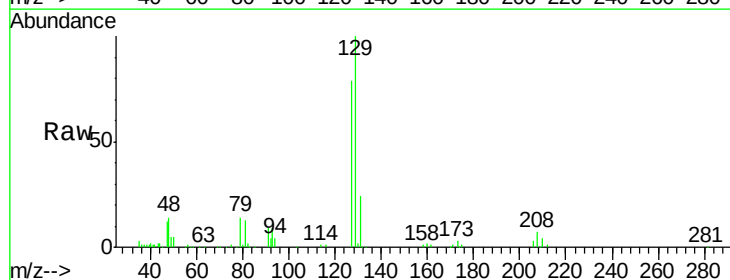
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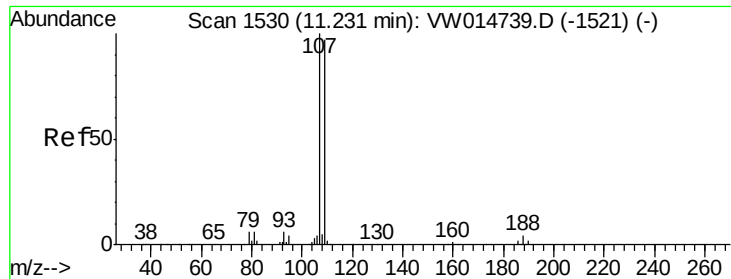
MMDadoda
1/27/2020 12:04:36 PM



#60
Dibromochloromethane
Concen: 9.440 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 129 Resp: 56873
Ion Ratio Lower Upper
129 100
127 79.1 39.9 119.6





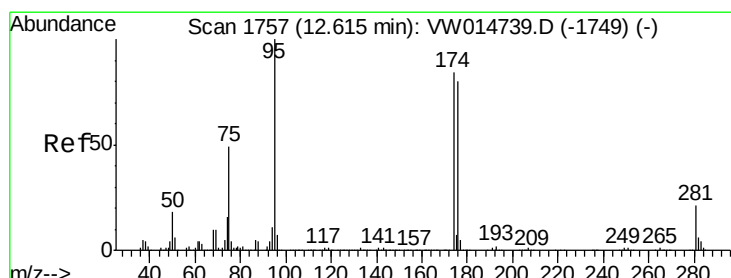
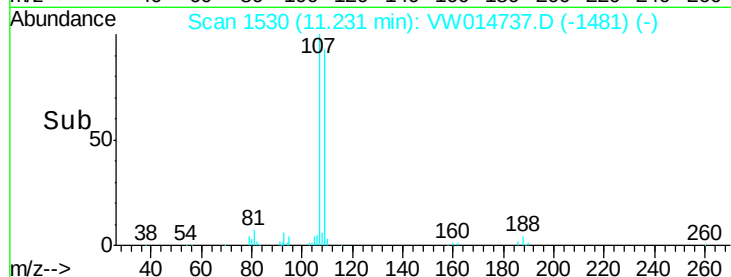
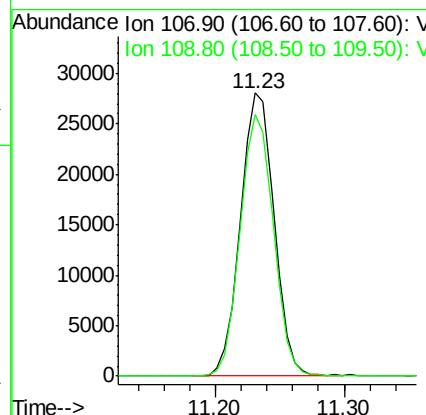
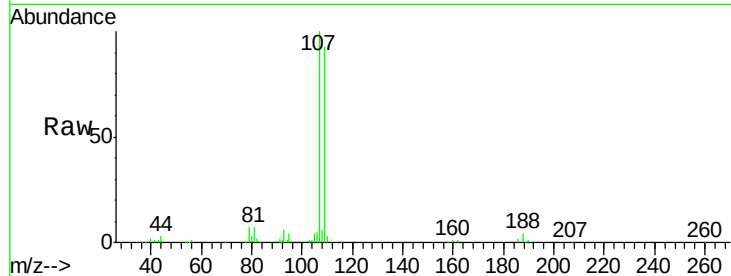
#61
 1,2-Dibromoethane
 Concen: 10.044 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	76.7	115.1

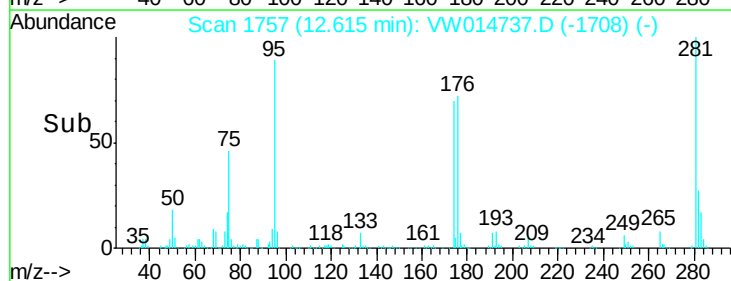
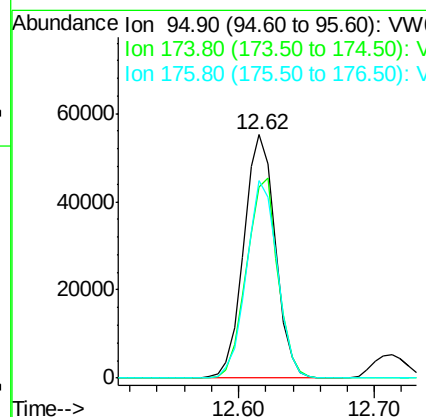
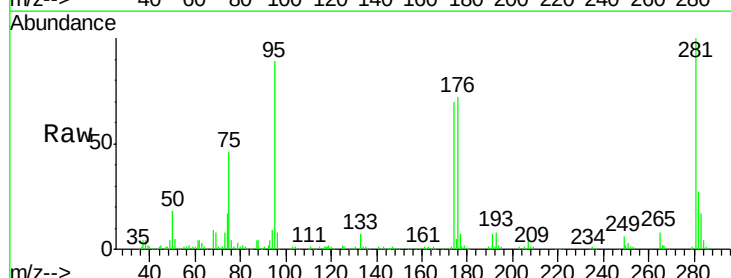
Manual Integrations
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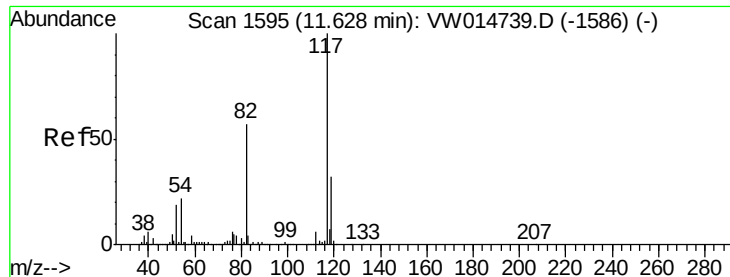
MMDadoda
 1/27/2020 12:04:36 PM



#62
 4-Bromofluorobenzene
 Concen: 9.896 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	163.0
176	79.8	0.0	159.2





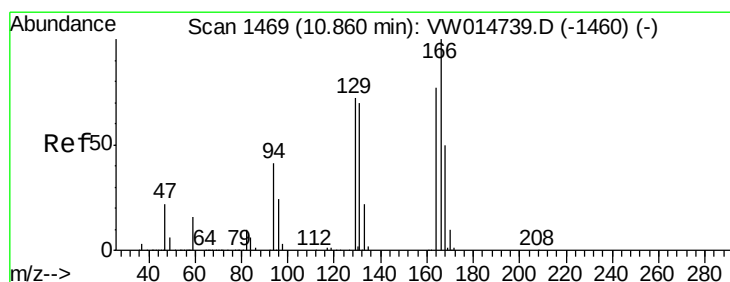
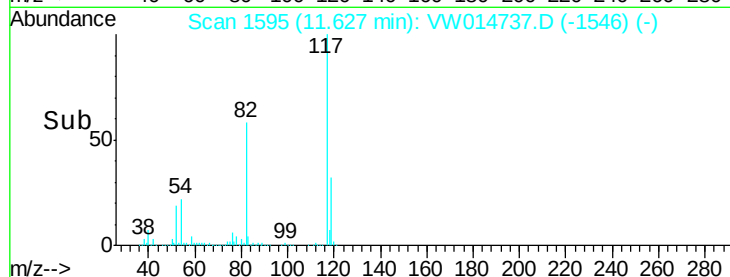
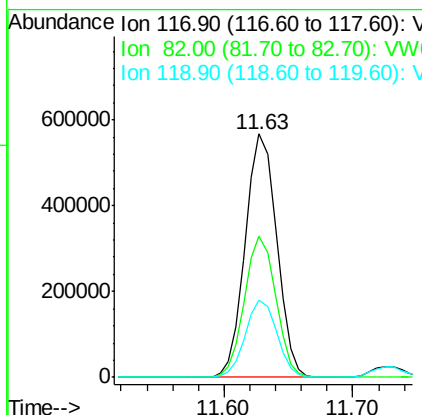
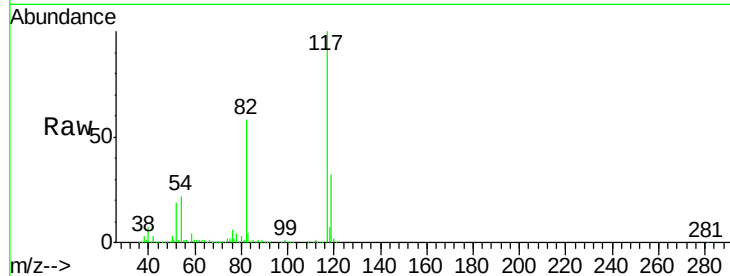
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.9	68.9
119	31.8	25.7	38.5

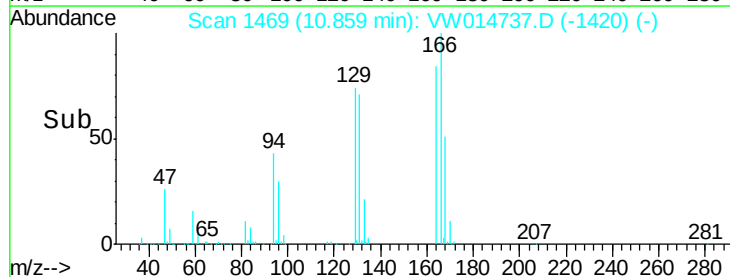
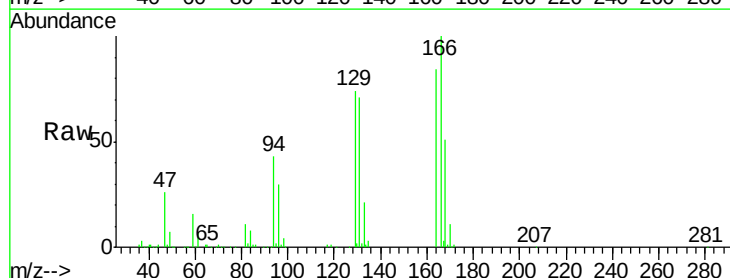
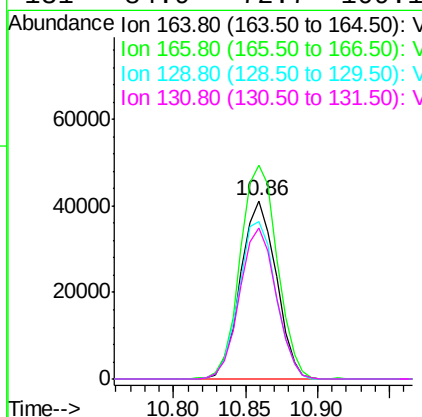
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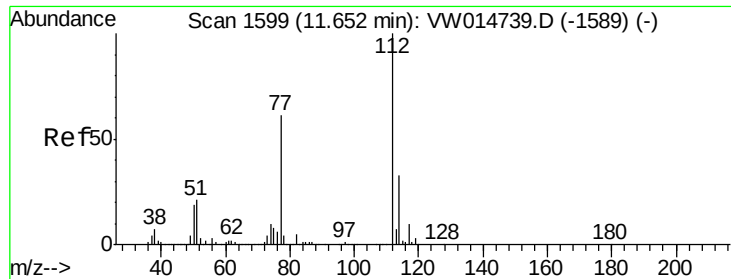
MMDadoda
1/27/2020 12:04:36 PM



#64
Tetrachloroethene
Concen: 10.249 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.6	104.0	156.0
129	88.4	75.0	112.4
131	84.9	72.7	109.1





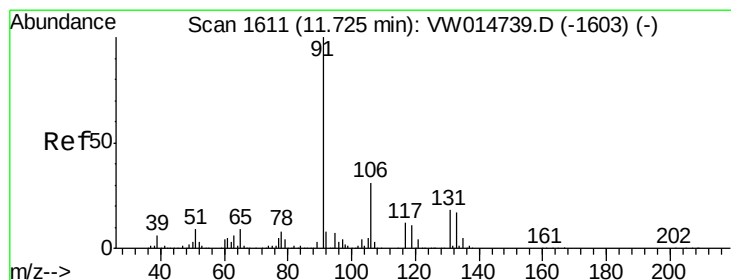
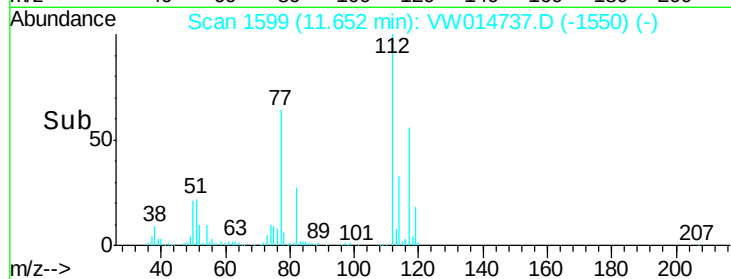
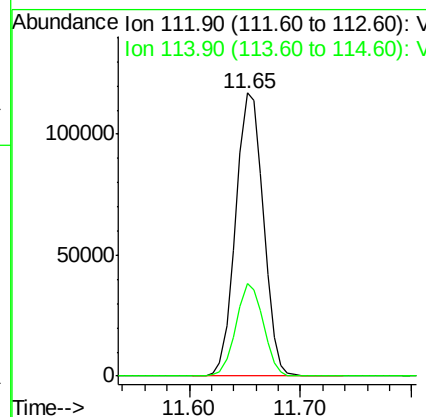
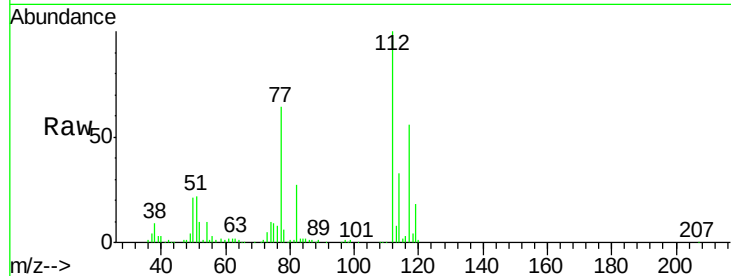
#65
Chlorobenzene
Concen: 10.270 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

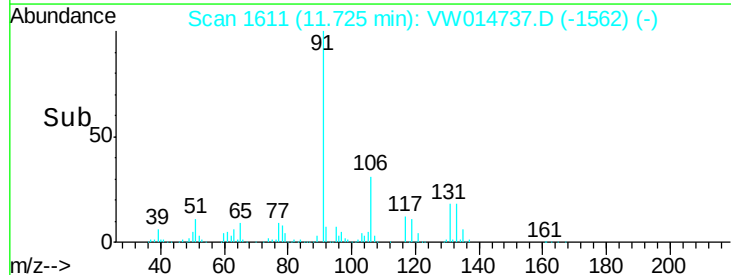
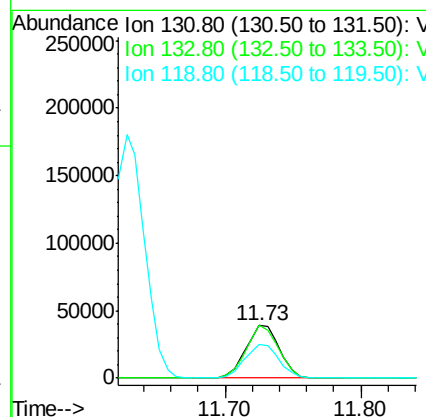
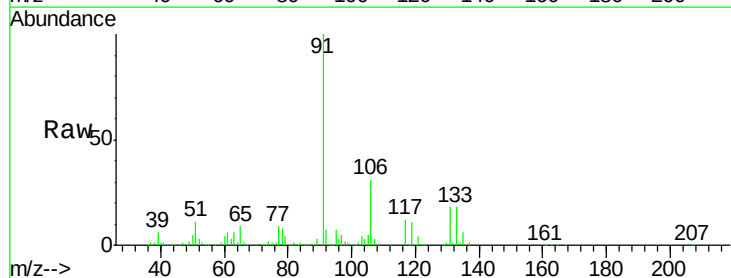
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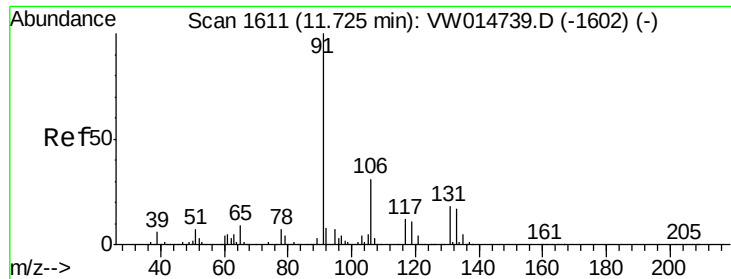
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.156 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.0	144.2
119	64.4	33.0	98.9





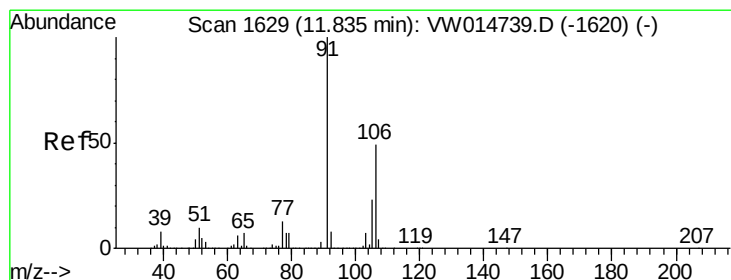
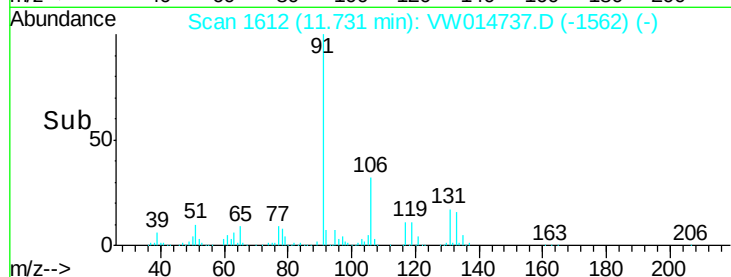
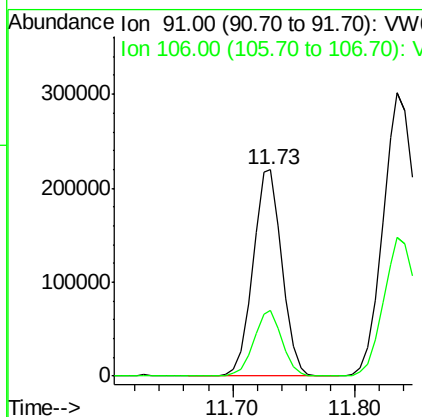
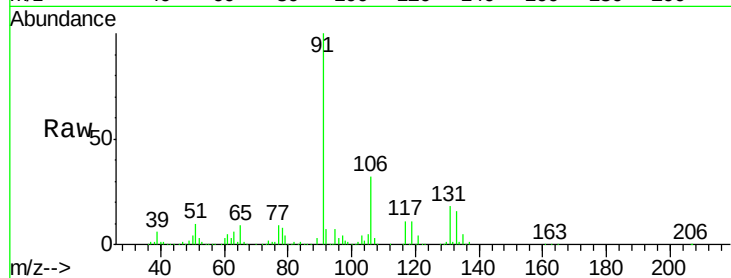
#67
Ethyl Benzene
Concen: 10.149 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 361655
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

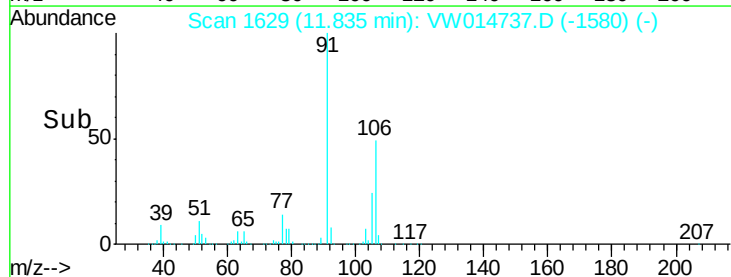
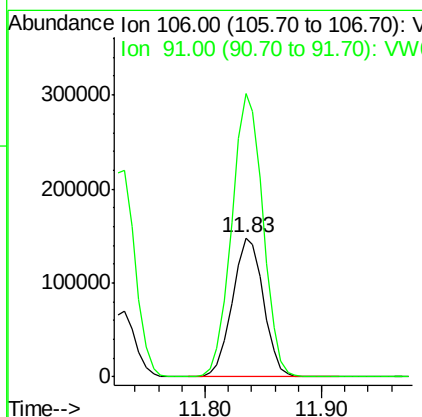
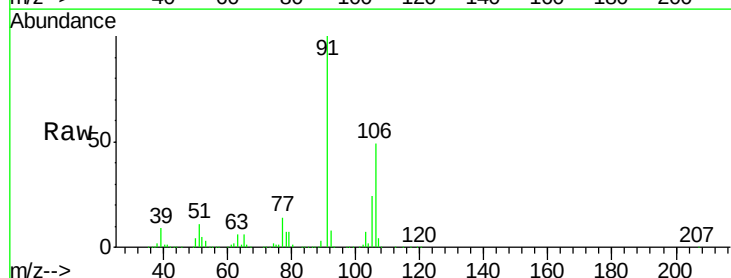
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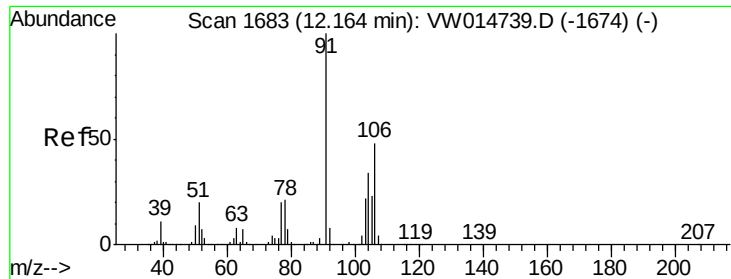
MMDadoda
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#68
m/p-Xylenes
Concen: 20.168 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 106 Resp: 274406
Ion Ratio Lower Upper
106 100
91 204.3 161.4 242.0





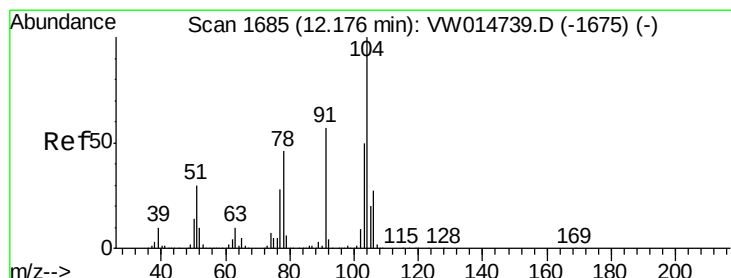
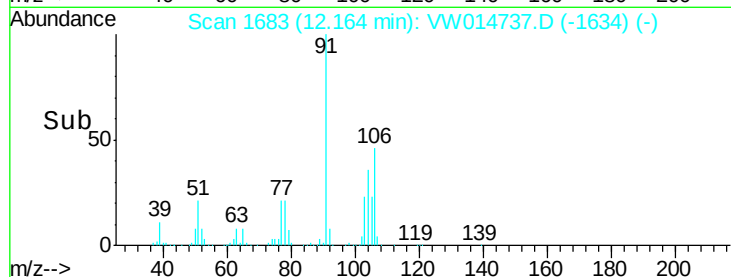
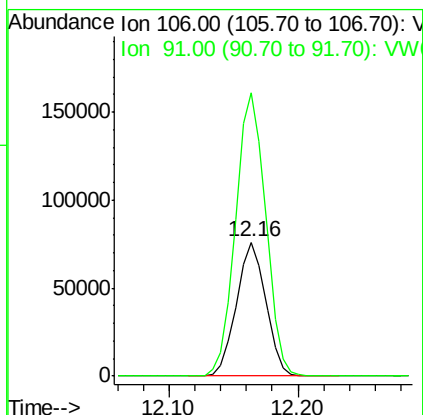
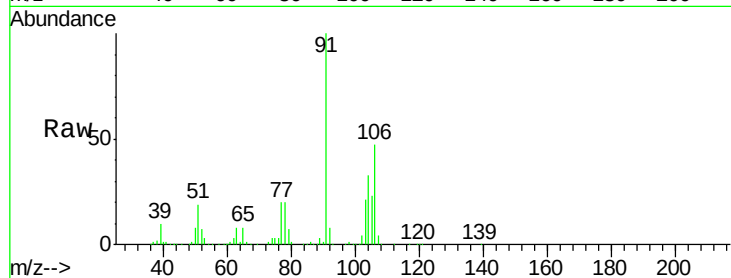
#69
o-Xylene
Concen: 9.594 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.7	107.1	321.3

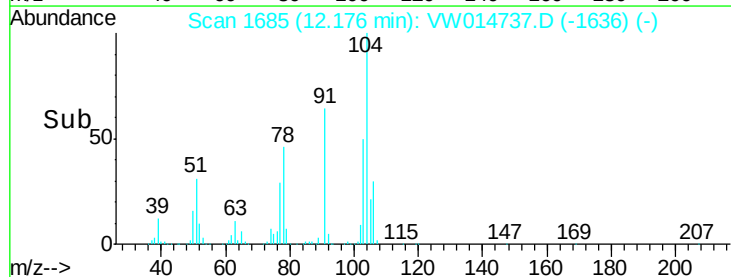
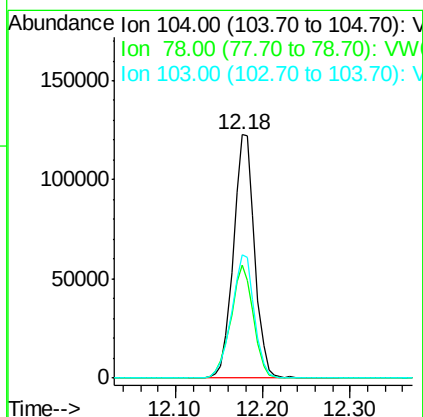
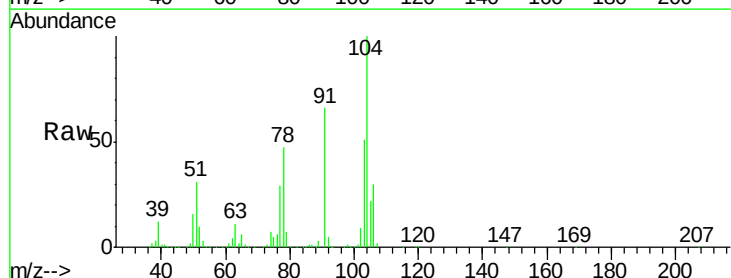
Manual Integrations
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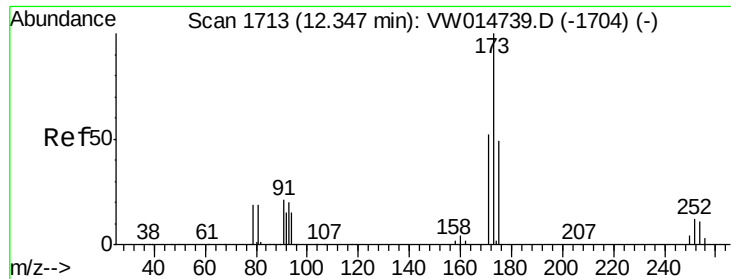
MMDadoda
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#70
Styrene
Concen: 9.819 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.8	59.8
103	54.0	44.0	66.0





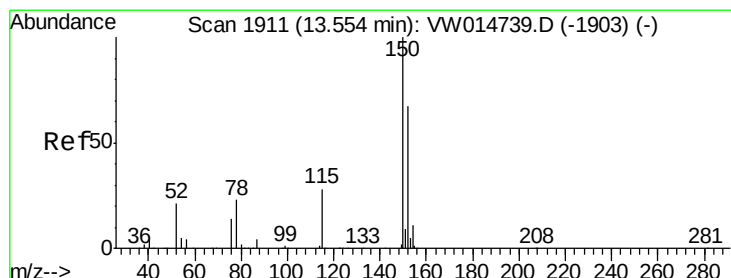
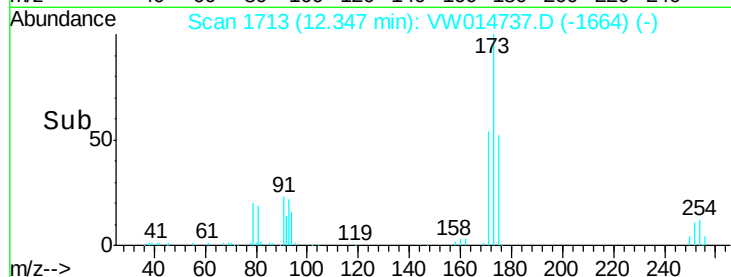
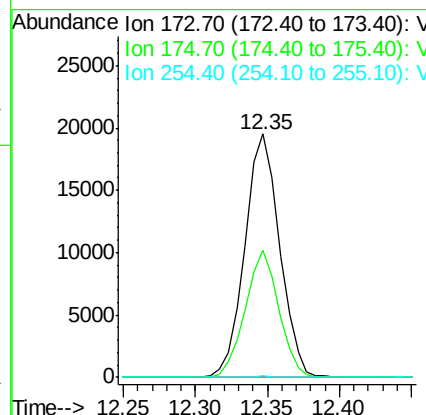
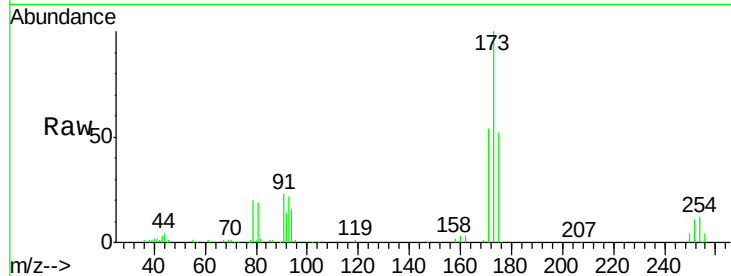
#71
Bromoform
Concen: 9.190 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.4	73.2
254	0.1	0.1	0.1

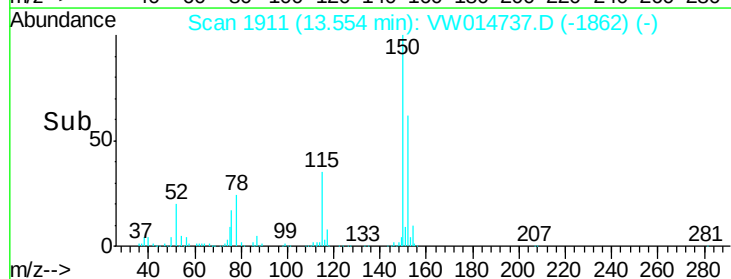
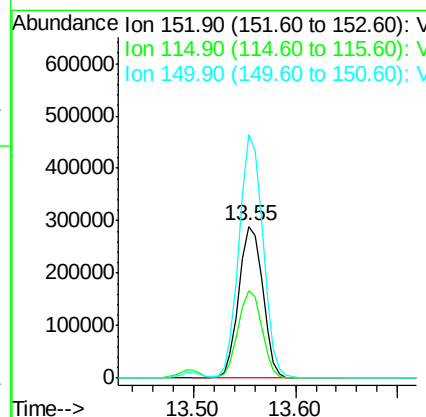
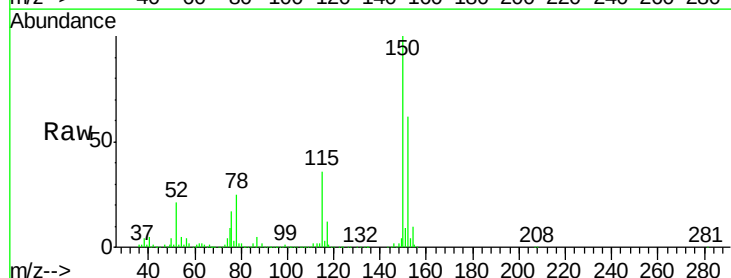
Manual Integrations
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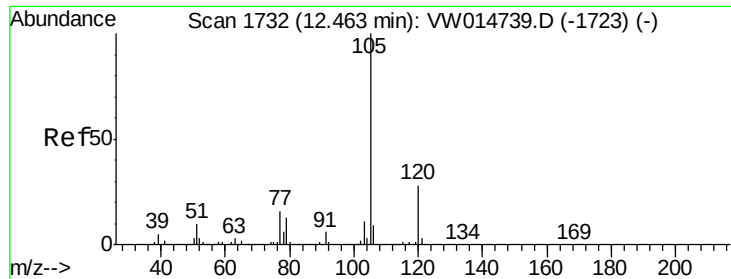
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.0	87.1
150	159.8	0.0	354.0





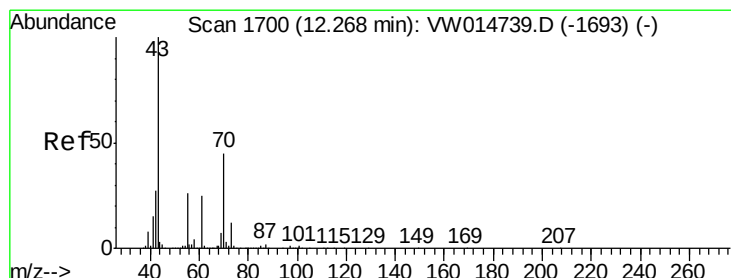
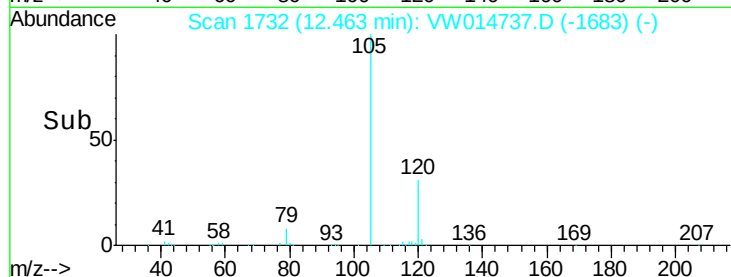
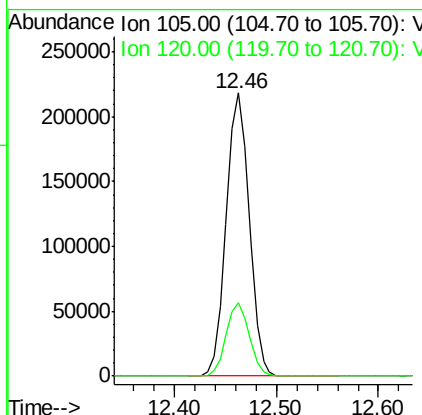
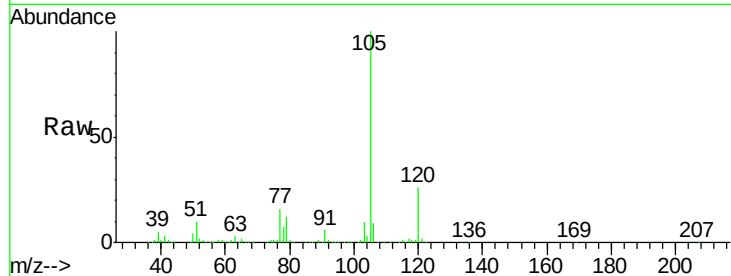
#73
Isopropylbenzene
Concen: 9.847 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.6	40.8

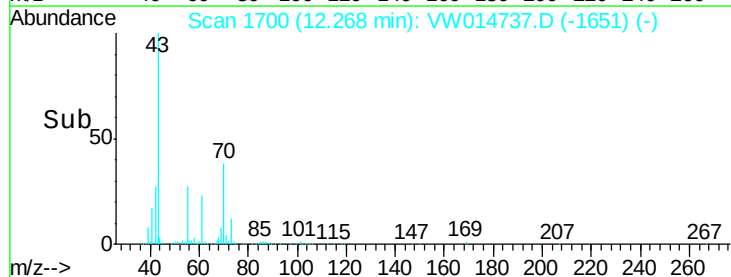
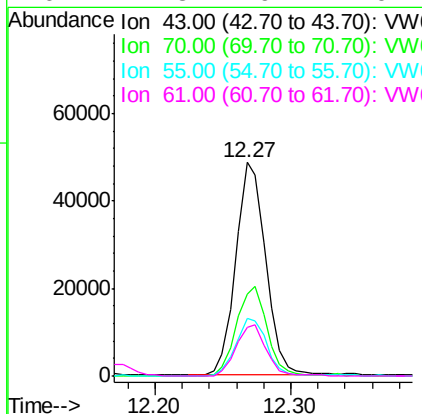
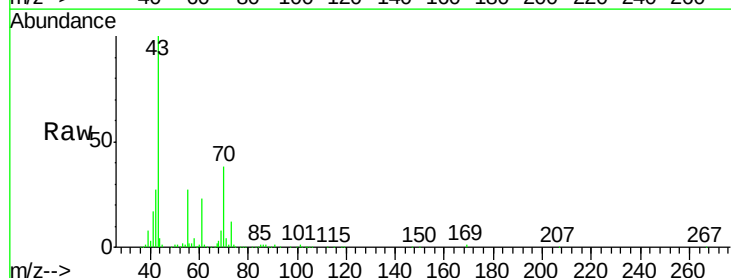
Manual Integrations
APPROVED

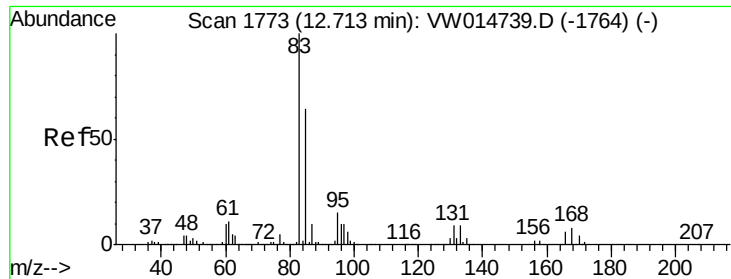
MMDadoda
1/27/2020 12:04:36 PM



#74
N-ethyl acetate
Concen: 9.685 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	34.6	52.0
55	27.8	20.6	30.8
61	24.3	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.919 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

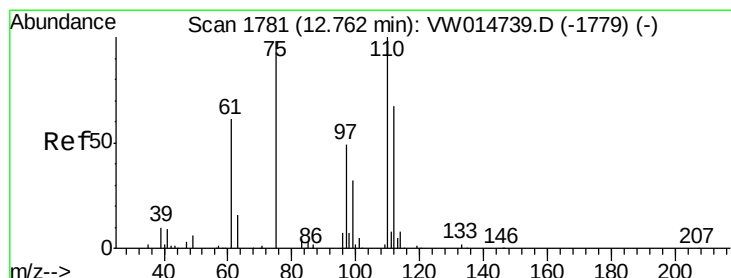
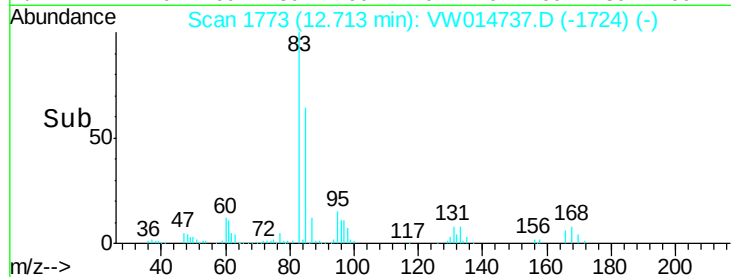
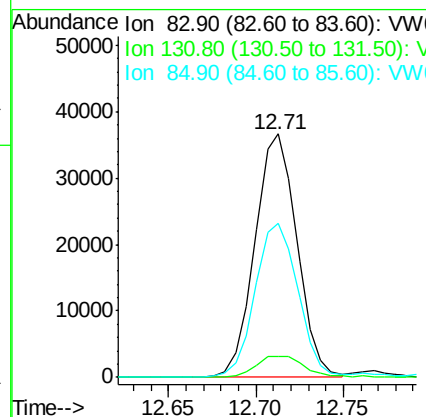
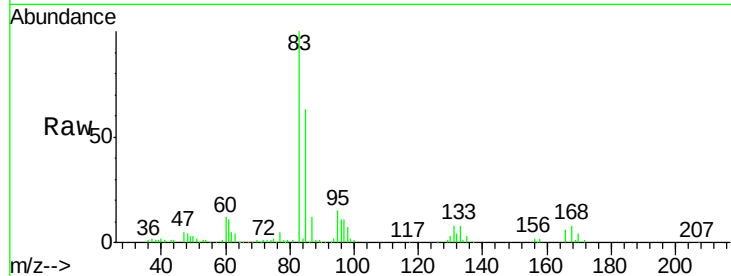
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	61207
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	65.1	32.0	96.0

Manual Integrations
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1/27/2020 12:04:36 PM



#76

1,2,3-Trichloropropane

Concen: 10.780 ug/l m

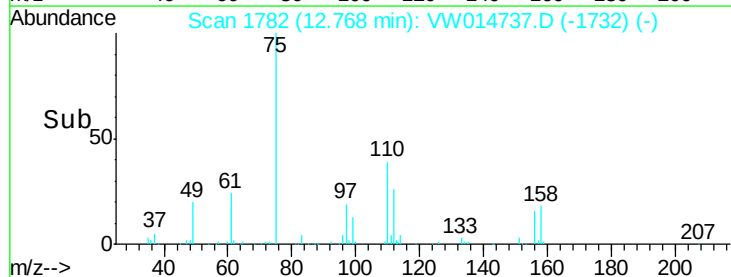
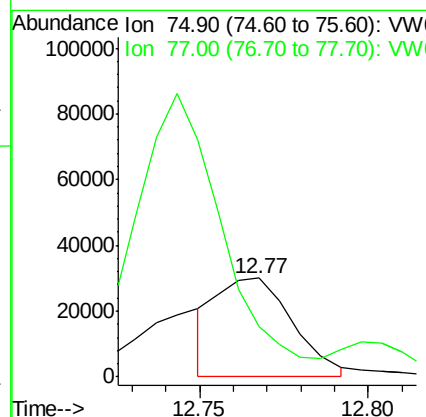
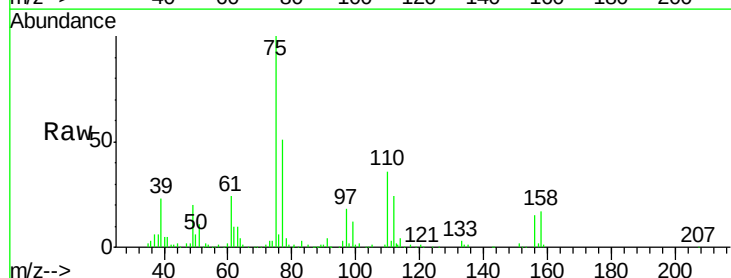
RT: 12.77 min Scan# 1782

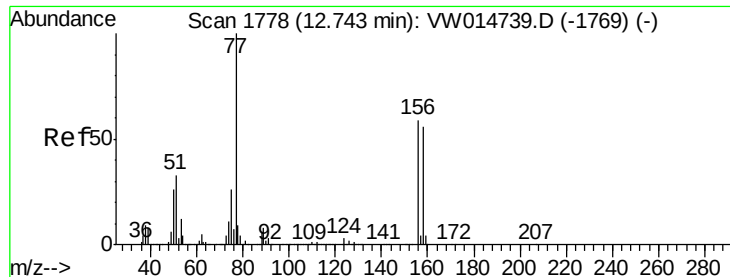
Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	75	Resp:	47342
Ion Ratio	Lower	Upper	
75	100		
77	0.0	167.9	503.9#





#77

Bromobenzene

Concen: 9.590 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

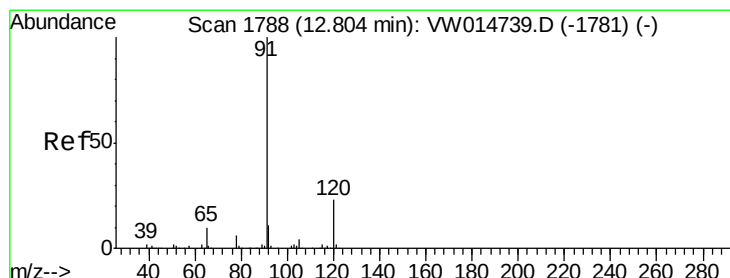
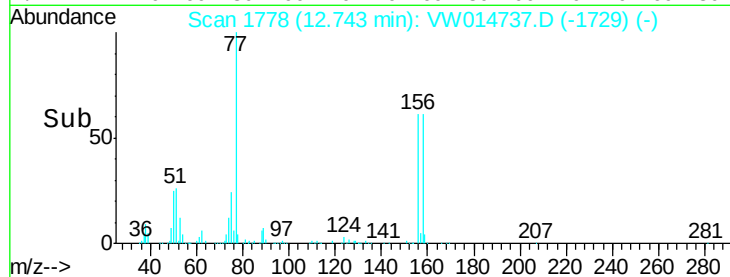
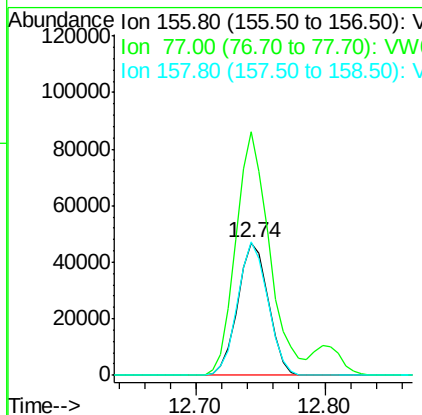
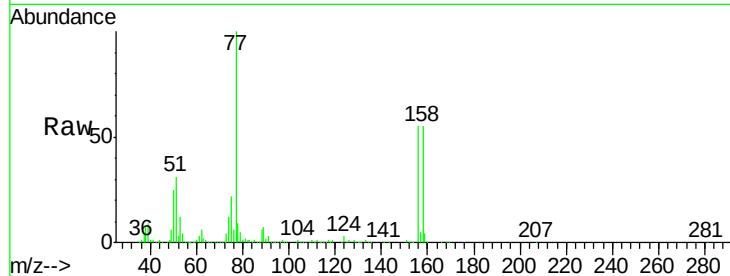
ClientSampled :

VSTDIC010

Tot Ion:	156	Resp:	77165
Ion Ratio	Lower	Upper	
156	100		
77	201.7	94.5	283.5
158	99.2	48.3	144.8

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#78

n-propylbenzene

Concen: 10.174 ug/l

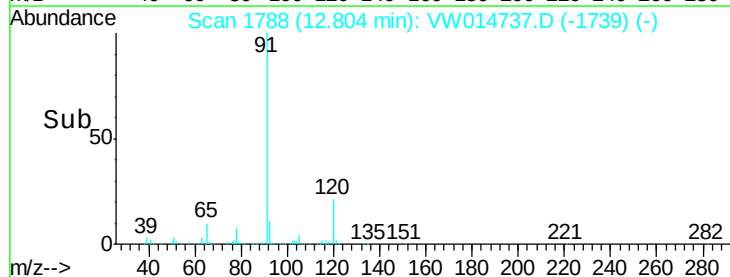
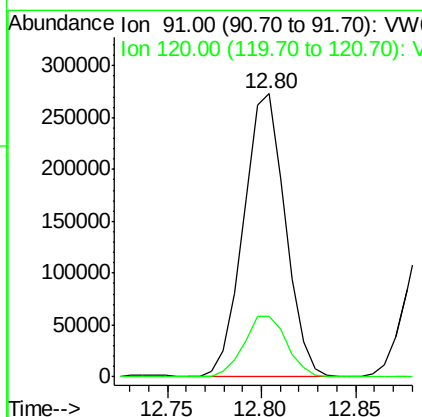
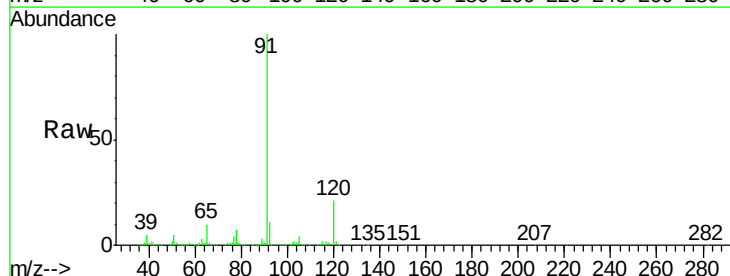
RT: 12.80 min Scan# 1788

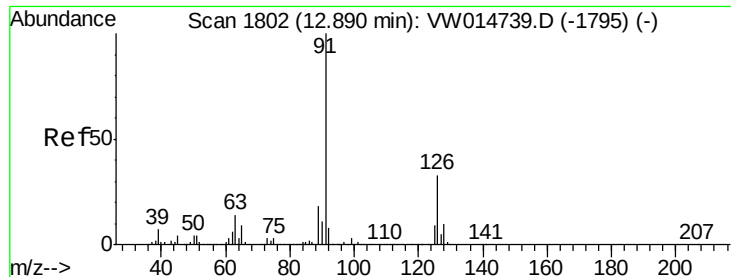
Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion:	91	Resp:	417415
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 10.204 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 238080

Ion Ratio Lower Upper

91 100

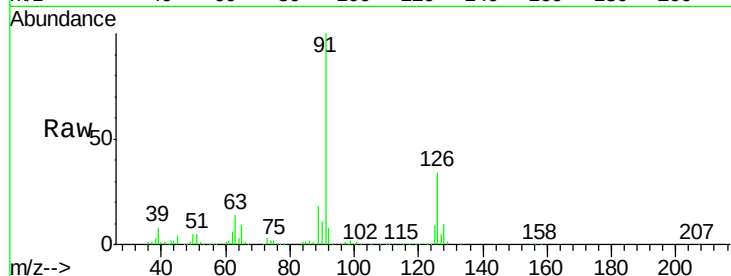
126 33.8 16.9 50.6

Manual Integrations

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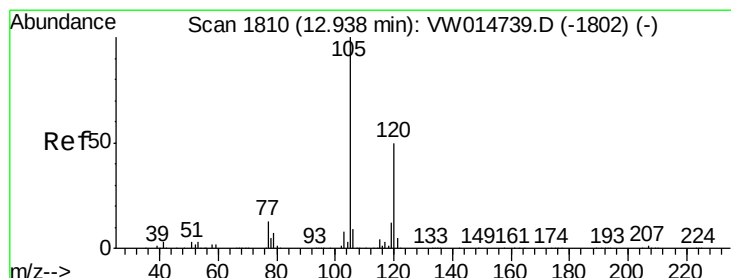
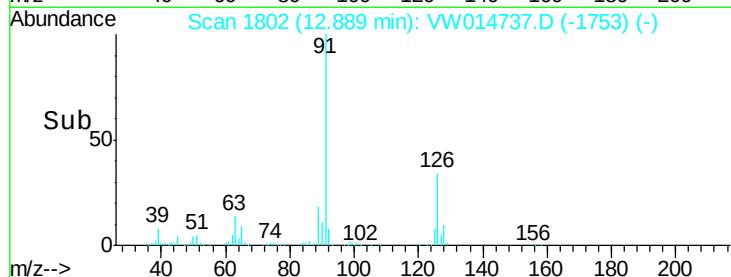
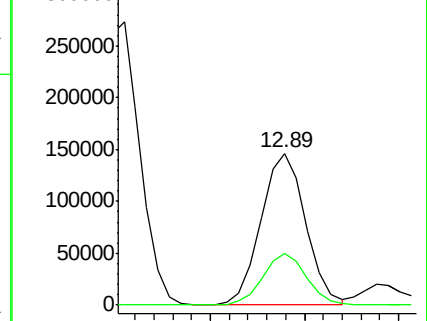
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.019 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014737.D

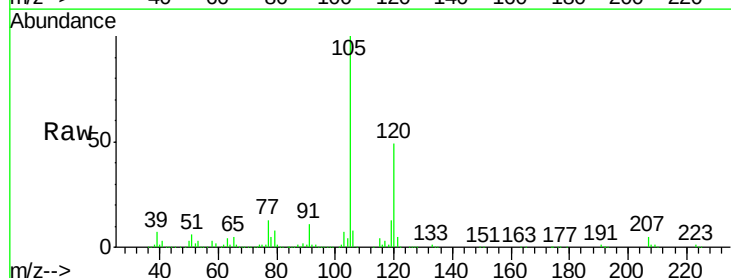
Acq: 24 Jan 2020 10:59

Tgt Ion: 105 Resp: 292739

Ion Ratio Lower Upper

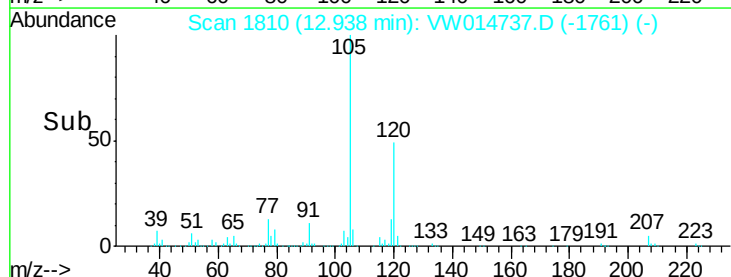
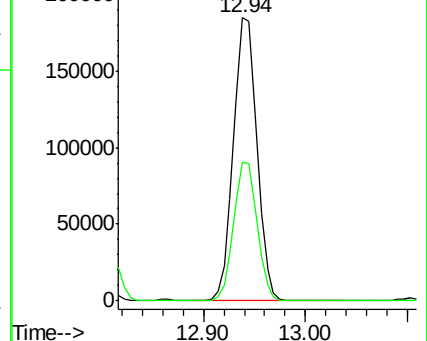
105 100

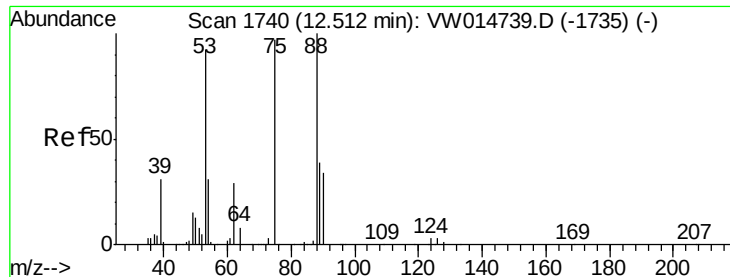
120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





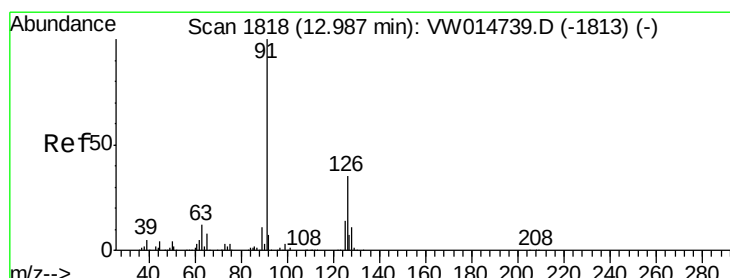
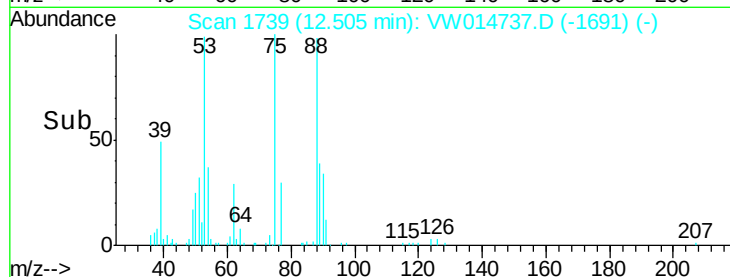
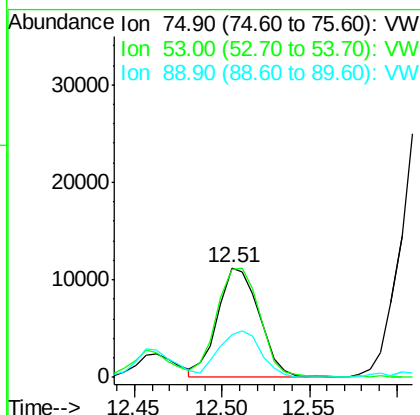
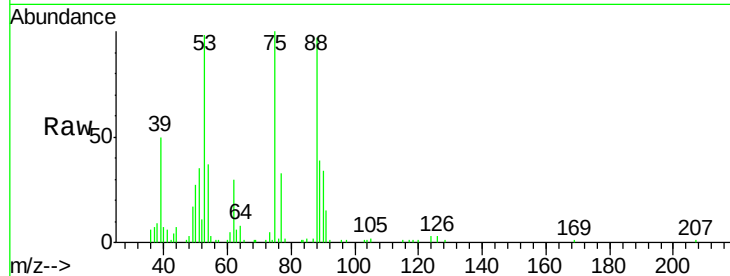
#81
trans-1,4-Dichloro-2-butene
Concen: 9.435 ug/l
RT: 12.51 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 75 Resp: 18609
Ion Ratio Lower Upper
75 100
53 102.7 77.0 115.4
89 43.0 35.2 52.8

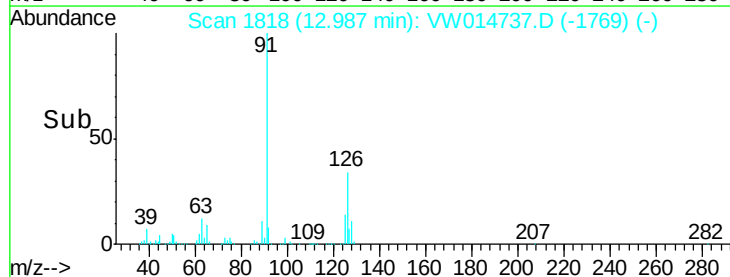
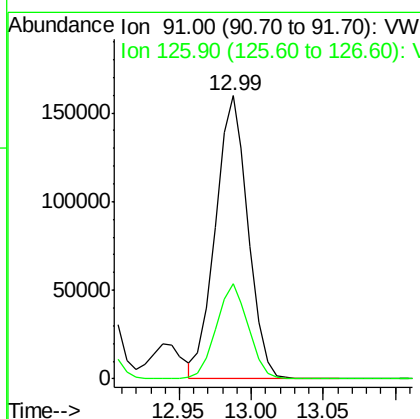
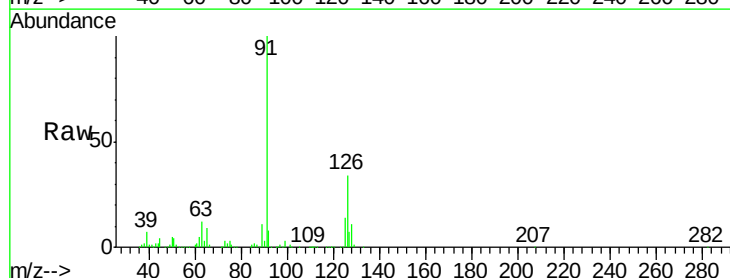
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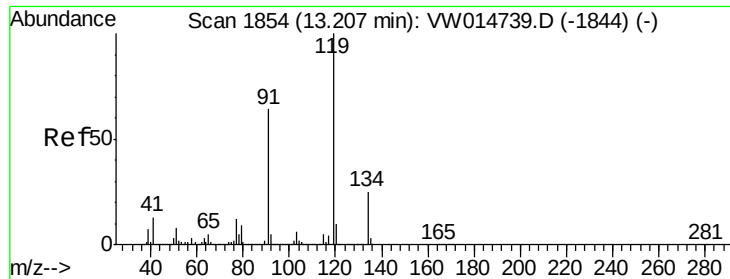
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#82
4-Chlorotoluene
Concen: 10.344 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 91 Resp: 251080
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1





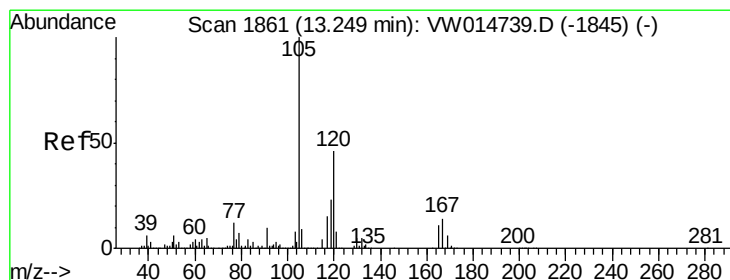
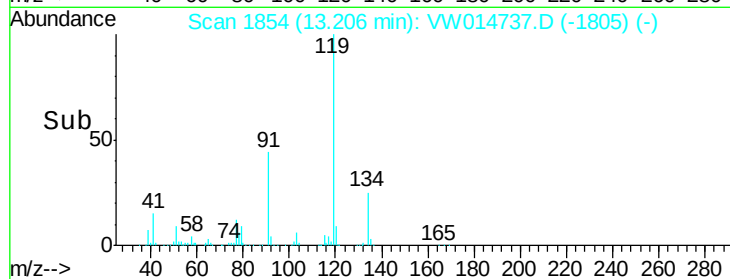
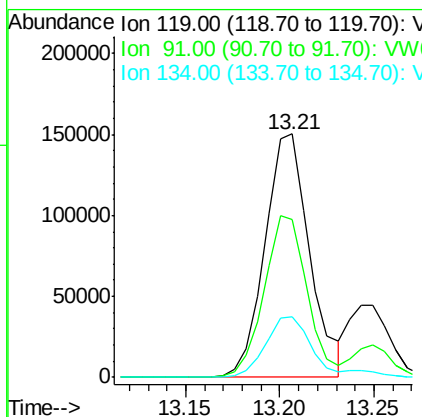
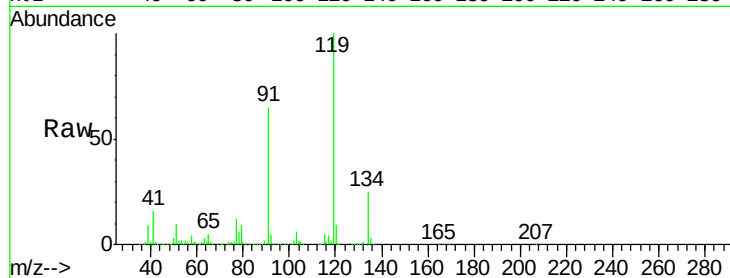
#83
 tert-Butylbenzene
 Concen: 9.716 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.1	96.3
134	27.3	13.4	40.2

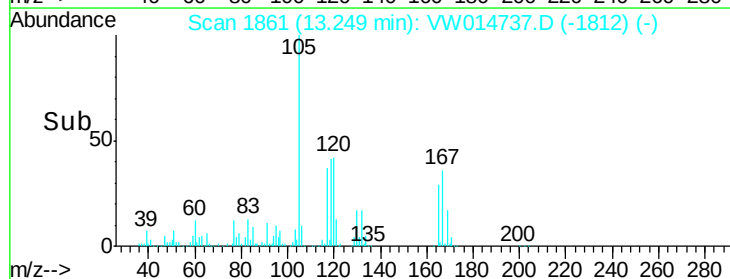
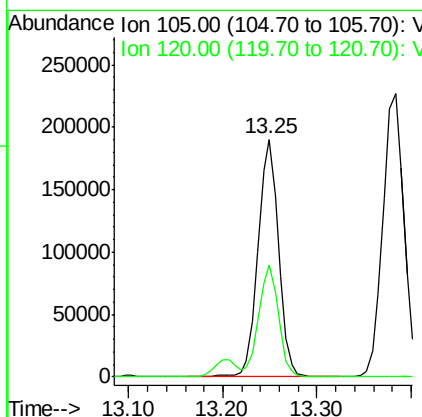
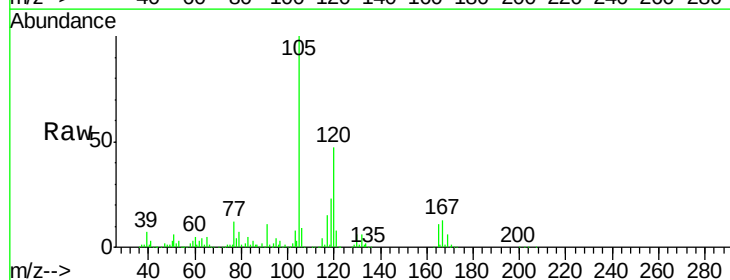
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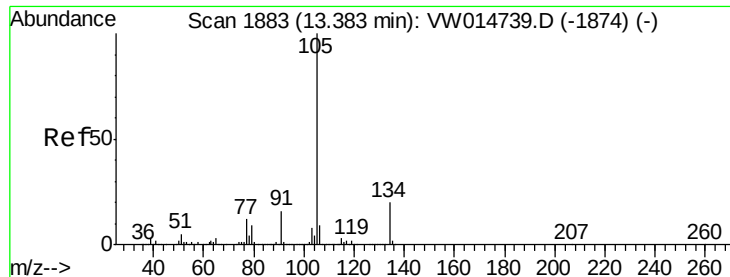
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#84
 1,2,4-Trimethylbenzene
 Concen: 9.996 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8





#85

sec-Butylbenzene

Concen: 9.999 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 353927

Ion Ratio Lower Upper

105 100

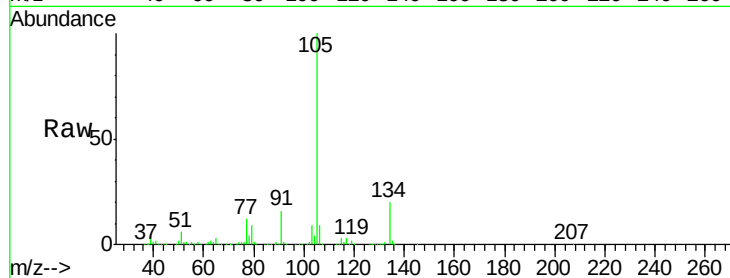
134 19.8 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

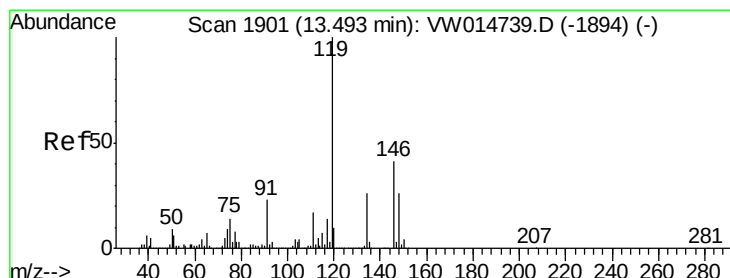
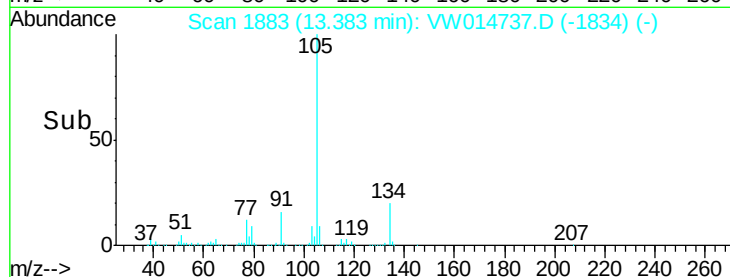
50000

0

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 9.701 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

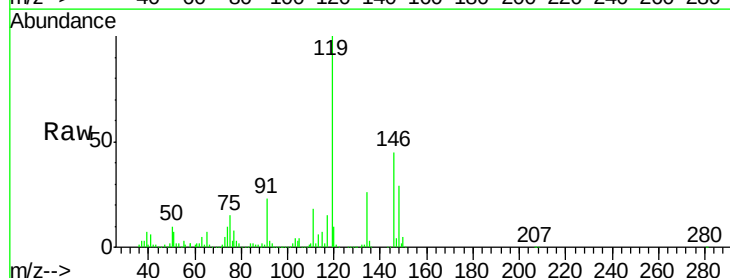
Tgt Ion:119 Resp: 313296

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.0 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

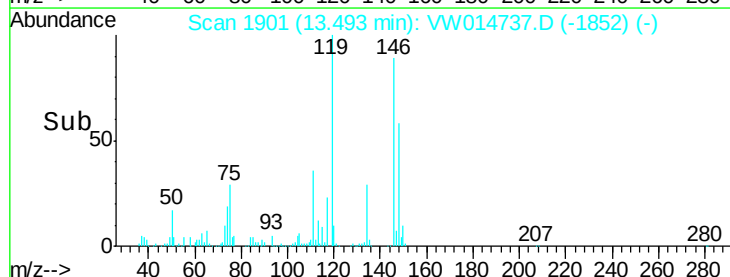
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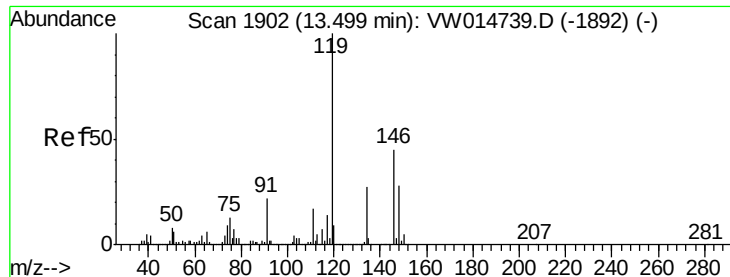
13.45

13.50

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 10.043 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

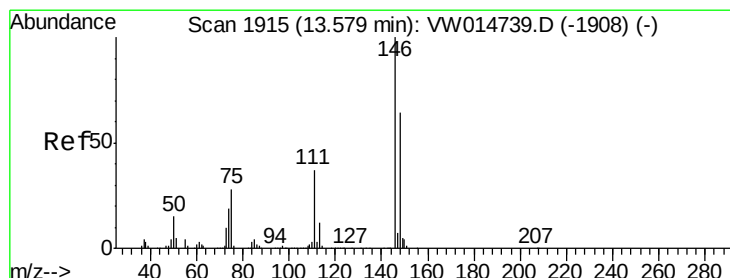
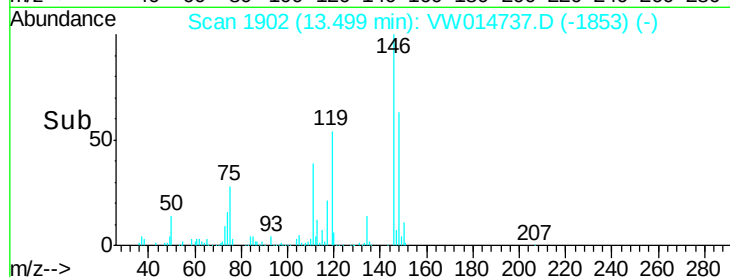
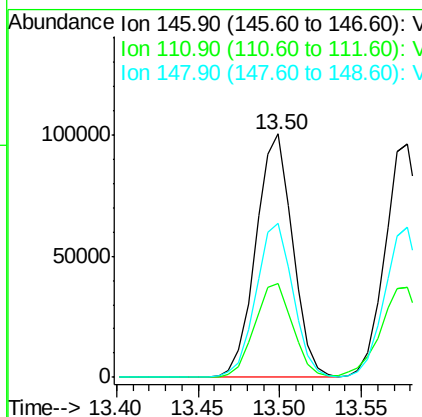
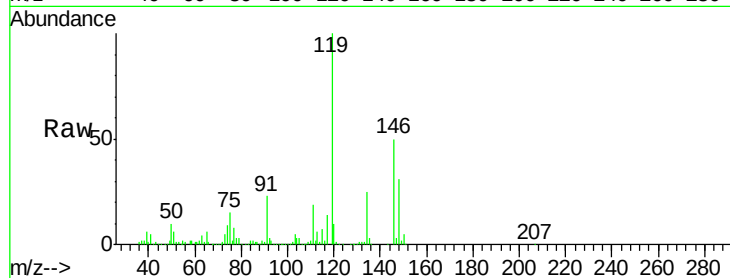
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.7	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 10.035 ug/l

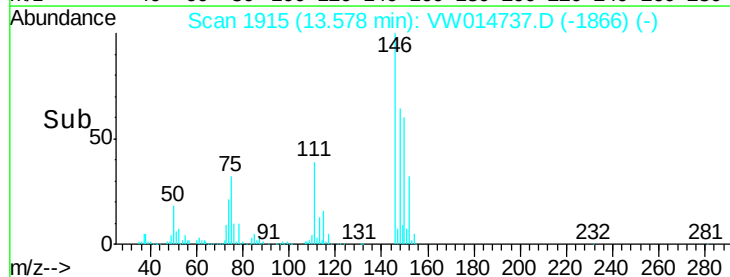
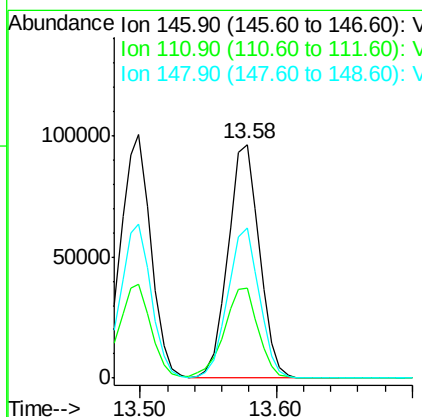
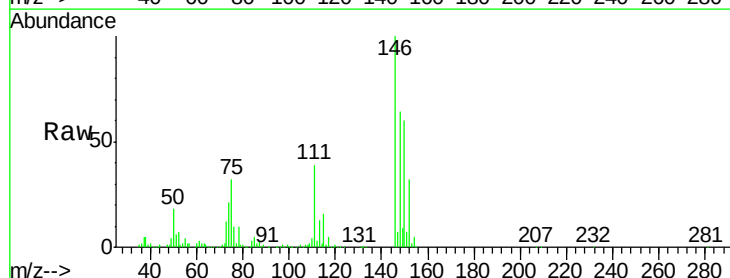
RT: 13.58 min Scan# 1915

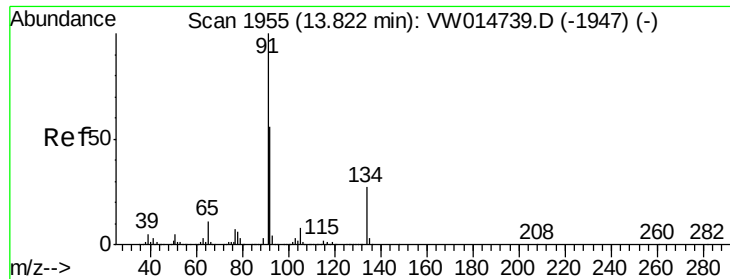
Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.4	58.4
148	64.7	32.0	96.2





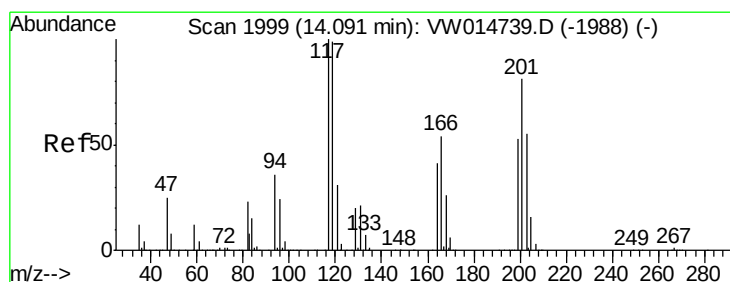
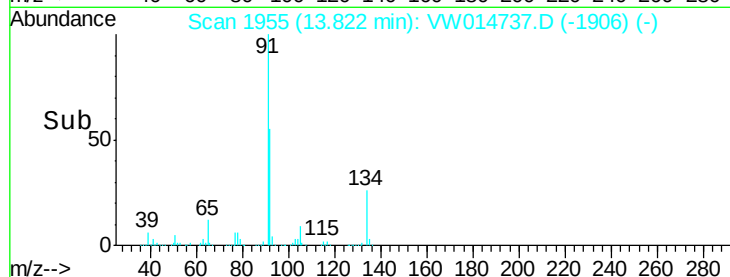
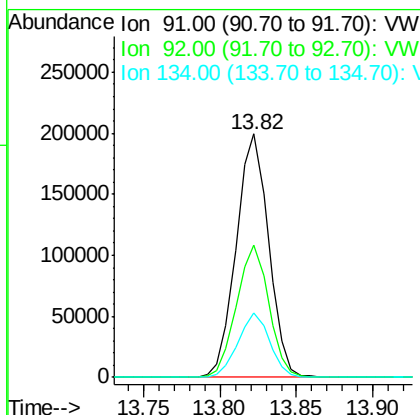
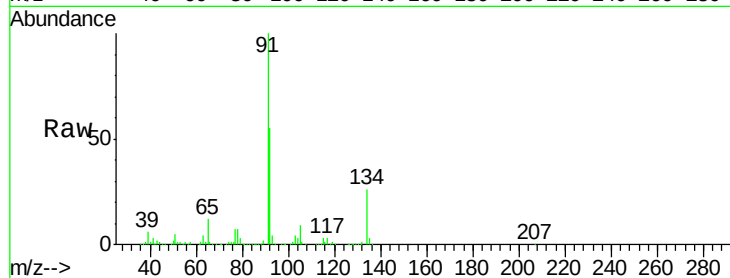
#89
n-Butylbenzene
Concen: 9.773 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	26.0	13.1	39.1

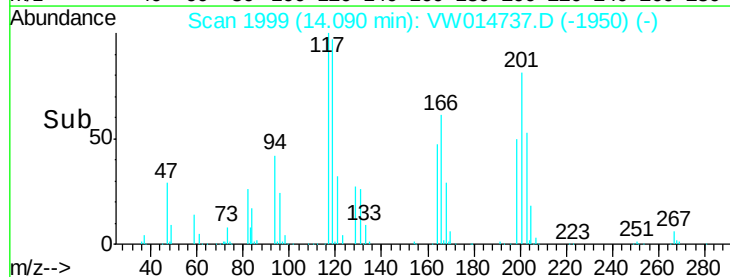
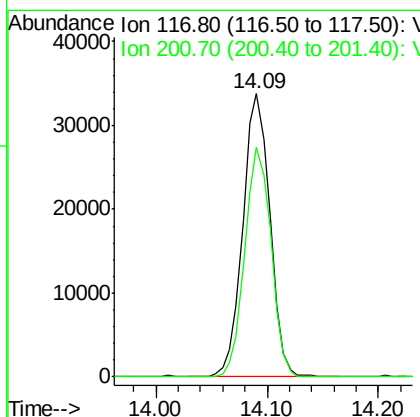
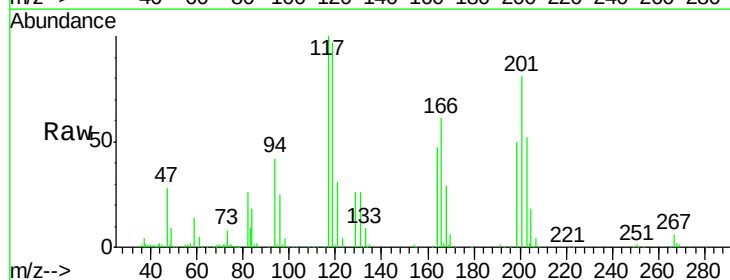
Manual Integrations
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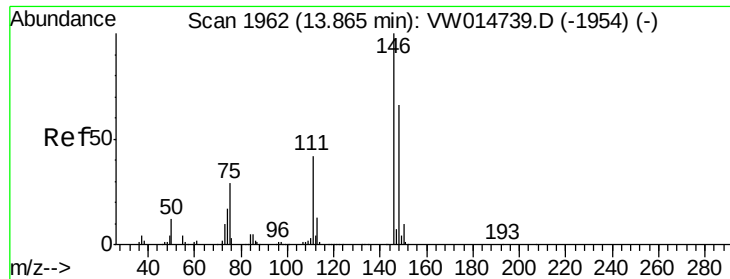
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#90
Hexachloroethane
Concen: 10.164 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	41.6	124.9





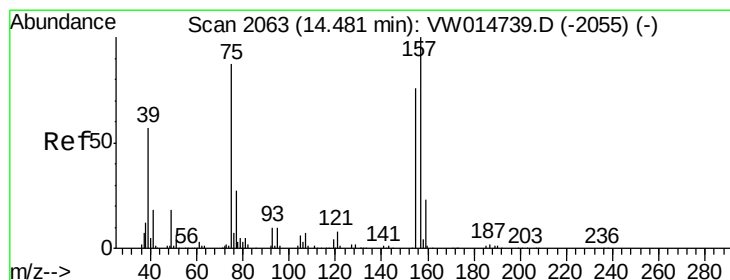
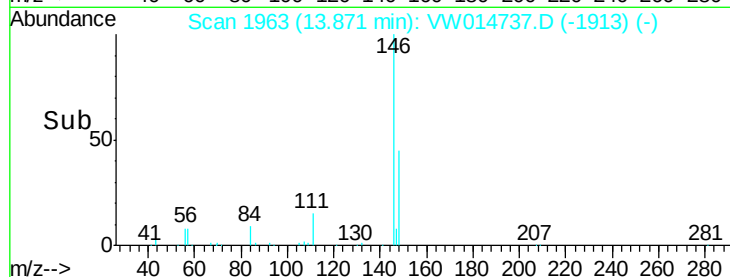
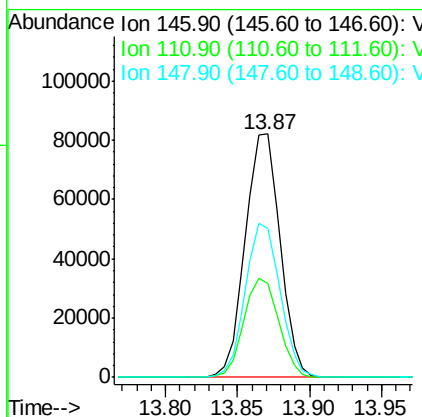
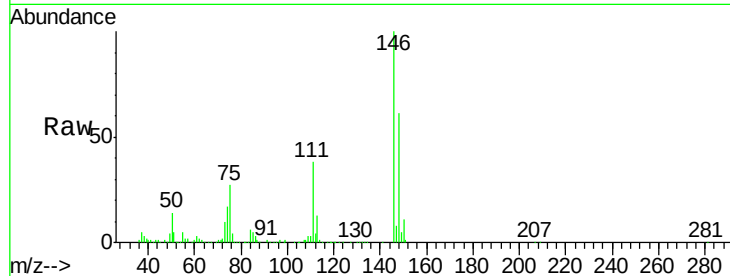
#91
 1,2-Dichlorobenzene
 Concen: 10.005 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.0	32.5	97.4

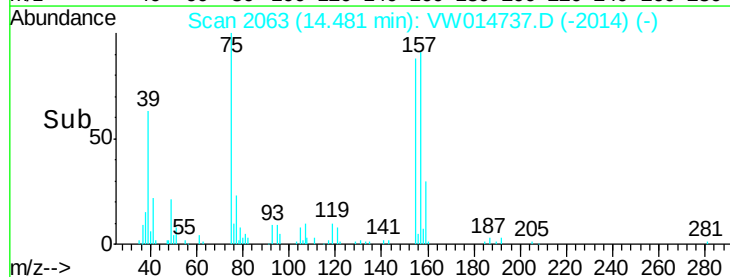
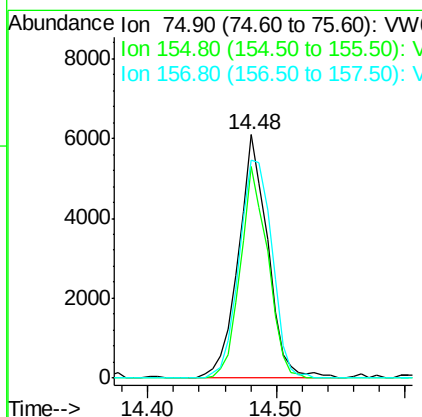
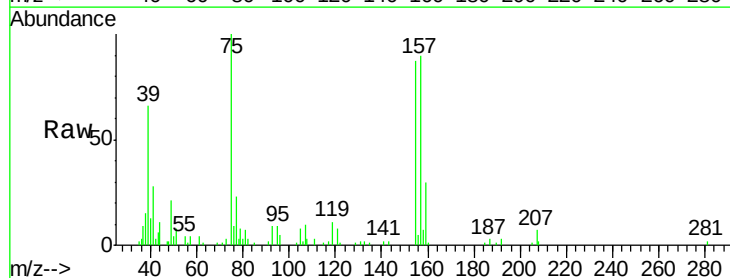
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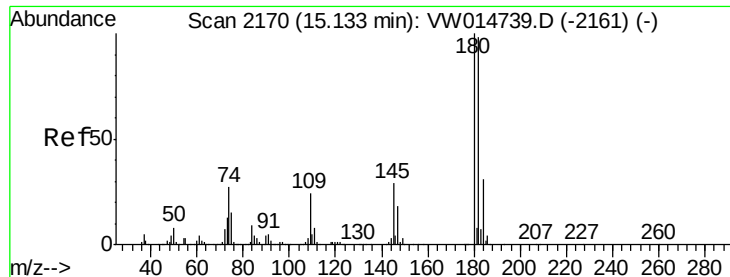
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.899 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	42.5	127.5
157	100.0	54.8	164.4





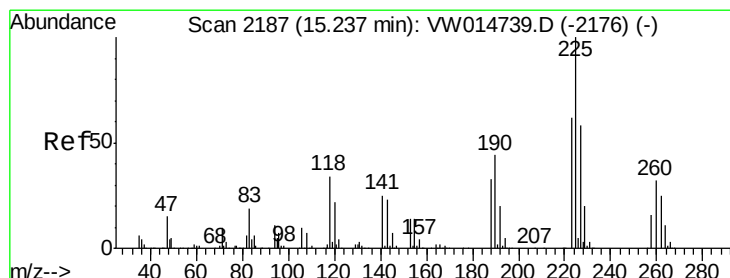
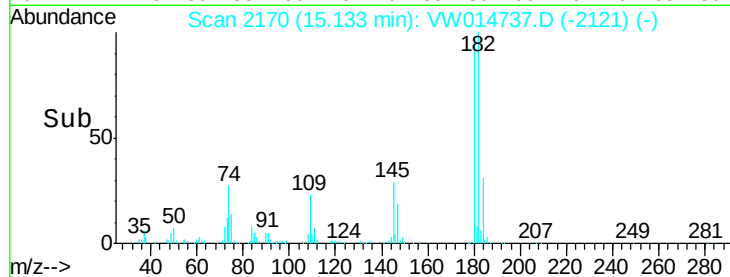
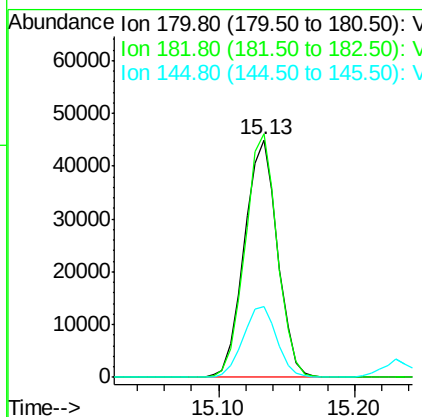
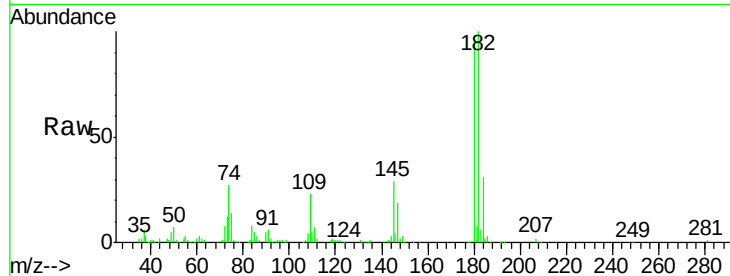
#93
 1,2,4-Trichlorobenzene
 Concen: 8.324 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.4	48.6	145.9	
145	30.4	14.7	44.1	

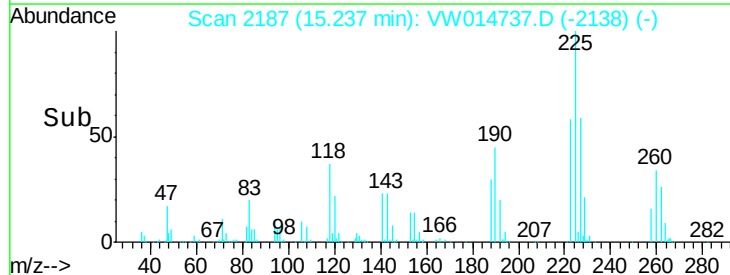
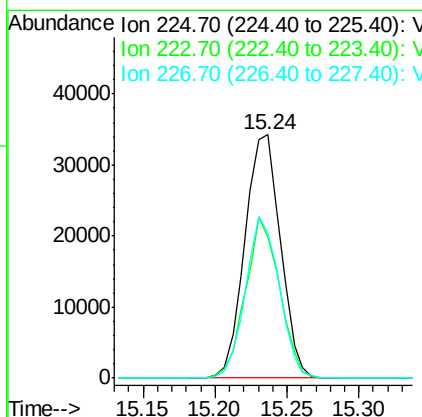
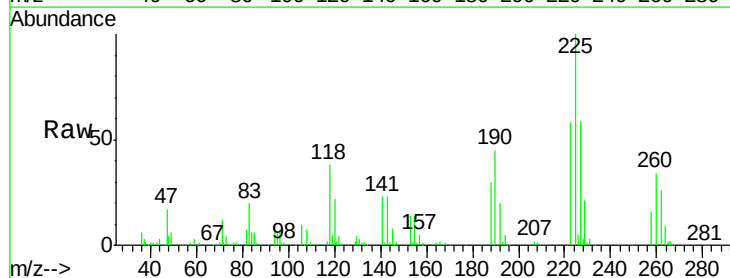
Manual Integrations
 APPROVED

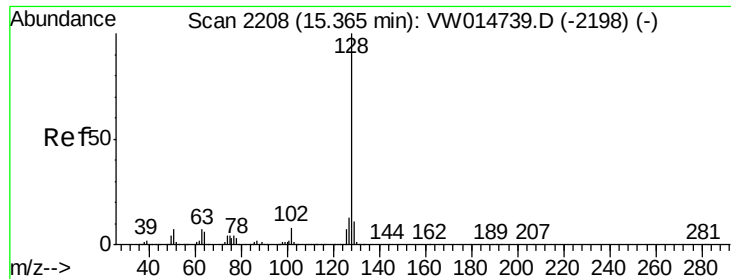
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 9.407 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.4	94.3	
227	63.0	30.9	92.8	





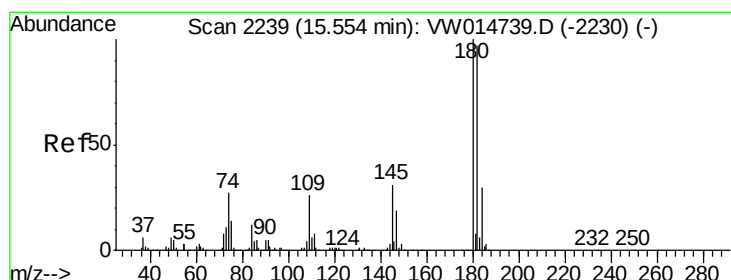
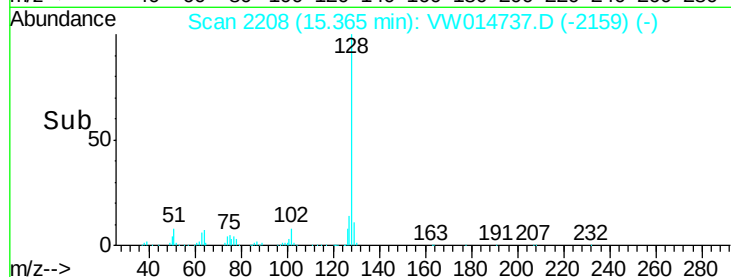
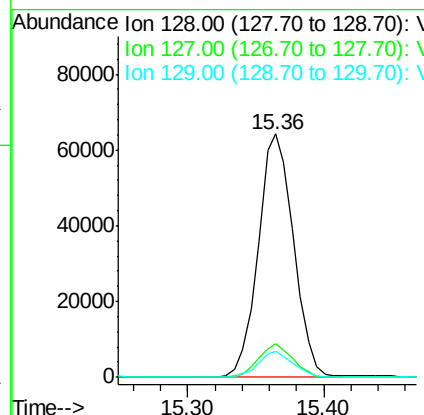
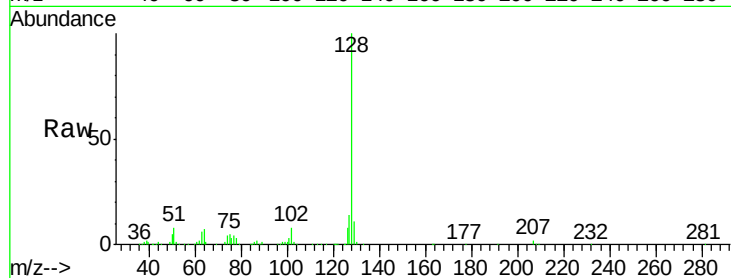
#95
Naphthalene
Concen: 7.523 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:04:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 8.421 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.2	141.6
145	32.6	15.4	46.4

